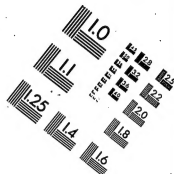
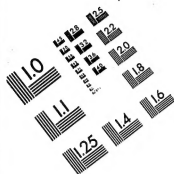




Association for
Information and Image
Management

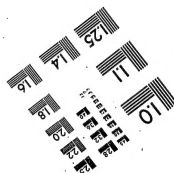
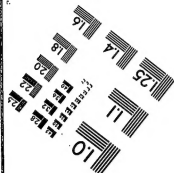
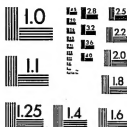
MS303-1980



Centimeter



Inches



Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART II
(1879-1886)

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University Publications of America
Frederick, Maryland
1987

Edison signature used with permission of McGraw-Edison Company.

**Thomas A. Edison Papers
at
Rutgers, The State University
endorsed by
National Historical Publications and Records Commission
18 June 1981**

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START

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A Note on the Sources

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available. Every technical
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made to ensure legibility.**

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THOMAS A. EDISON PAPERS
A SELECTIVE MICROFILM EDITION
PART II
(1879-1886)

REEL 64

DOCUMENT FILE SERIES (DOC-24)

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("Deafness" through "Edison, T.A. - Outgoing Correspondence")

1883 DOCUMENT FILE

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D-83-004	Edison, T.A. - Accounts (not filmed)
D-83-005	Edison, T.A. - Advice
D-83-006	Edison, T.A. - Articles
D-83-007	Edison, T.A. - Autograph and Photograph Requests (not filmed)
D-83-008	Edison, T.A. - Bills and Receipts (not filmed)
D-83-009	Edison, T.A. - Bills of Lading (not filmed)
D-83-010	Edison, T.A. - Book and Journal Orders
D-83-011	Edison, T.A. - Clubs and Societies
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D-83-019	Edison, T.A. - Visitors (not filmed)
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D-83-026	Electric Light - Edison Electric Illuminating Company of New York
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D-83-028	Electric Light - Edison Electric Light Company - Defect Reports
D-83-029	Electric Light - Edison Electric Light Company - Engineering Department
D-83-030	Electric Light - Edison Electric Light Company - Testing Department
D-83-031	Electric Light - Edison Electric Light Company of Europe, Ltd.
D-83-032	Electric Light - Edison Lamp Company - General
D-83-033	Electric Light - Edison Lamp Company - Lamp Test Reports
D-83-034	Electric Light - Edison Machine Works
D-83-035	Electric Light - Electric Tube Company
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D-83-038	Electric Light - Foreign - United Kingdom - General
D-83-039	Electric Light - Foreign - United Kingdom - Edison's Indian and Colonial Electric Light Company, Ltd.
D-83-040	Electric Light - Thomas A. Edison Construction Department - General
D-83-041	Electric Light - Thomas A. Edison Construction Department - Accounts (not filmed)
D-83-042	Electric Light - Thomas A. Edison Construction Department - Canvassing
D-83-043	Electric Light - Thomas A. Edison Construction Department - Engineering
D-83-044	Electric Light - Thomas A. Edison Construction Department - Stations - Connecticut
D-83-045	Electric Light - Thomas A. Edison Construction Department - Stations - Kentucky - Louisville
D-83-046	Electric Light - Thomas A. Edison Construction Department - Stations - Massachusetts - Brockton
D-83-047	Electric Light - Thomas A. Edison Construction Department - Stations - Massachusetts - Fall River

D-83-048 Electric Light - Thomas A. Edison Construction Department - Stations -
Massachusetts - Lawrence

D-83-049 Electric Light - Thomas A. Edison Construction Department - Stations -
Missouri - Kansas City

D-83-050 Electric Light - Thomas A. Edison Construction Department - Stations -
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D-83-051 Electric Light - Thomas A. Edison Construction Department - Stations -
New York - Newburgh

D-83-052 Electric Light - Thomas A. Edison Construction Department - Stations -
New York - Utica

D-83-053 Electric Light - Thomas A. Edison Construction Department - Stations -
Ohio - General

D-83-054 Electric Light - Thomas A. Edison Construction Department - Stations -
Ohio - Middletown

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Ohio - Piqua

D-83-056 Electric Light - Thomas A. Edison Construction Department - Stations -
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Pennsylvania - Erie

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Pennsylvania - Mt. Carmel

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Pennsylvania - Shamokin

D-83-061	Electric Light - Thomas A. Edison Construction Department - Stations - Pennsylvania - Sunbury
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D-83-064	Electric Light - Western Edison Light Company
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D-83-066	Exhibitions
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D-83-071	Phonograph
D-83-072	Railroad - Electric
D-83-073	Telegraph
D-83-074	Telephone

1883. Deafness (D-83-001)

Following the appearance in early 1878 of articles about the phonograph, which drew attention to his own deafness, Edison began receiving inquiries about his proposed invention of a hearing aid. (See Thomas A. Edison Papers Microfilm Edition, Part I, 15:3-166.) This folder contains correspondence inquiring about the current state of the invention.

Approximately 20 percent of the documents have been filmed. These items received significant replies or were written by individuals associated with Edison.

Meyers & Brothers
Opticians & Co.

225 & 227 Fourth Avenue 23rd St.

37/883-05-01
May 1st 1883
Surgical Instruments
and Electro-Batteries

New York May 1. 1883

Thomas A. Edison Esq
City

Dear Sir,

I am at 65-5th Ave.
10 till 5 p.m. every day.
I told you without a price
last summer a North Earphone of
the smallest size made which is of weak
power. I wrote you after a time
asking about it (as I did not meet
you to give a trial before you bought)
the reply came that it was of no
aid. I then wrote requesting an
interview for you to test the 3 larger
sizes. The reply came, that you
were too much occupied to spare the
time just then, but would test them at
some future date, that was several
months since & I have heard nothing
about this matter since. I do not
wish to be troublesome to you, nor
infringe on your time, which I know
is valuable, but in justice to the instrument
and to yourself as a sufferer from deafness

I should like to have you give me
an opportunity to show you what
Cuthbert Earphones will do for deafness.
I am a sufferer from this infirmity
& I have seen hundreds of others during
the past year, 98 per cent. of which
found relief from some of the aiges
according to the State of Natural Hearing.
I myself was one aige 3. with great
benefit for past 16 mo's & by day the
State of my natural hearing is
better than when I first commenced
to use it; the same is the experience
of a large number of people who
have made constant steady use of
one every day for any great length
of time.

If I cannot satisfy you
with any of the aiges, I will
take back the one you wish and
refund you the cash paid for it.
I can go to meet you at any place
most convenient for you on any
day or evenings except Saturday or
Sundays. Truly Yours,
D. H. C.

1883-08-014

ALONZO & CONSOLI

Catane, le 14 Août 1883

Mr. Edison -
 65 - 5^{ème} Avenue
New York

Favorable de v. honorable adresse, nous avons
 reçu v. obligeance, pour prière en ce qui suit.

Nous venons d'apprendre par le journal
 que vous venez d'inventer un appareil pour le
 sourd. Il s'agit d'une espèce d'oreille artificielle
 à appliquer sur celle naturelle. On fait mainte-
 nant des expériences à Paris, on nous a écrit pour
 en savoir quelque chose, mais on nous a répondu de
 nous adresser directement à vous, attendu que dans
 la susdite ville on ne en savait rien, même à la
 Société Edison. Nous venons donc vous prier
 de vouloir bien nous faire savoir le prix de l'appareil,
 et s'il était facile d'en trouver à Paris, et chez qui
 dans le cas affirmatif.

Pour remercier d'avance, nous vous présentons
 nos civilisés et respectueux

Très dévoués
 Alonzo & Consoli

Deaf

1883-08-14

Edison, 14th August 1883

Mr Edison

65 Fifth Ave. N.Y.C.

I received with your address your write to you, for what follows:-
 We just learned by the newspapers that you invented a machine
 for the deaf:- a kind of artificial ear, which is applied
 to the natural ear. They are now experimenting with it in
 Paris, when we wrote ^{to friends} to find out particulars, but they
 answered us to apply to you directly, as this could not give
 us any information nor could they obtain any of the Edison
 Co., who knew nothing about it.

We therefore beg you to let us know the price of the apparatus
 & inform us if we can find any in Paris, & at what place.
 Thanking you in advance, we remain Yrs &c

(Signed) Gonzales & Cousin

1883-08-30

Deafness

August 30th.

3

Messrs. Alonzo & Consoli,

Cassano, Italy.

Dear Sirs:-

Your favor of the 14th. August came duly to hand and in reply I would have to state that several years ago I experimented a good deal on the instrument for the relief of the deaf, but was compelled to abandon my experiments in consequence of other very pressing matters which required my immediate attention.

I have not, up to this writing, ever found time to again return to the subject, but I am hoping on some future occasion I may be able to take the matter up, as I feel that this subject is well worthy ones attention.

Very truly yours,

1883. Drexel, Morgan & Company (D-83-002)

This folder contains correspondence about financial transactions undertaken by Drexel, Morgan & Company for Edison or his companies. Material relating to Drexel, Morgan & Company's role as a financier of Edison's electric light and telephone ventures can be found in folders on those subjects.

Approximately 10 percent of the documents have been filmed. Routine correspondence relating to financial transactions for Edison or his companies has not been filmed.

1883-08-07

Drexel, Morgan & Co.

P.O. Box 3036.

New York Aug. 7th 1883.

Thos. A. Edison Esq

Dear Sir,

The enclosed document
recd. this morning is in accord
ance with my understanding
of the arrangement made by
Mr. Johnson with Mr. Bailey.
I have no confidence in anything
coming out of it, but under
the circumstances I think it is
best to give it a fair trial.
Was any definite answer
given to the Edison Co. of Boston
about the amalgamation

Scheme with the Edison
Co.? - I ask because I
have a copy of the paper
embodying the proposition
on my desk as left by Mr.
Johnson

Very truly yours
C. P. Abbott

1883-08-07

73 2.80
DREXEL MORGAN & CO.
201 St. Germain Street
New York
DREXEL & CO.
Philadelphia
DREXEL, TAMES & CO.
Paris

1883-11-05

New York Nov 5th 1883

J. A. Edison Esq Present

Dear Sir:

On July 1st 1882, we loaned
you \$12,240. upon 100 Shares Edison Electric
Light Co. Stock

On July 6th and Nov 6th 1882, we loaned
you \$5,000. on 846 Shares Illuminating Co.
Stock.

On January 2nd 1883, we further loaned
\$2,337.⁵⁰ on 50 Shares Isolated Co. Stock.

As one of our partners retires from the
firm on January 1st next, we are desirous
of closing up our matters as nearly as possible
previous to that date and would therefore, thank
you, on or before Decr. 15th to pay us off the
above loans.

Yours very truly,
Drexel Morgan & Co.

1883-12-04

DREXEL MORGAN & CO.
Wall St Corner Broad,
New York.
DREXEL & CO.
Philadelphia.
DREXEL, CHARLES & CO.
Paris.

New York Dec 4th 1883

Thos A. Edison Esq.
Lent

Dear Sir.

We beg to advise that we
had the following of your notes, viz:

Dated July 1/82

12240-

Int to Dec 5/83 - 1/4 yr 157 ds @ 6% 1054.⁵²13294⁶⁸Dated July 6th 82 for \$25000.

\$19000-

Paid on a/c Aug 1st 6000.Int to Aug 1st on 25000

26 days @ 6%

108.⁹³

Int Aug 1/82 to Dec 5/83

on 19000. 1/4 yr 126 ds @ 6% 1539.

1647.⁵³ 20647.⁹³Dated Nov 6th 82

6000.

1/4 yr + 29 ds @ 6%

389.

6389.

Dated Jan 2/83

2337.⁸⁰

Paid on a/c Feb 12

27.26

2310.⁵⁴

Int Jan 2/83 to Aug 12/83

15.97

41 ds @ 6% on 2337.⁸⁰Int Feb 12th 83 to Dec 5/83

113.97

129.⁷⁶2440.⁵⁰296 ds @ 6% on 2310.⁵⁴

113.97

129.⁷⁶4277.⁵¹

We have received from you

a check for \$1500.

of which amount we credit \$220.⁹⁷

for interest on all the notes to Dec 5/83

and the balance \$1279.⁵³ we credit on

account of the same July 1/82 for 12240

Yours truly

per DREXEL MORGAN & CO.

C. H. Morgan

1883. Edison, T.A. - General (D-83-003)

This folder contains documents, primarily correspondence, covering a wide variety of subjects. Some of the material relates to personal matters. Also included are documents that deal with more than one subject, such as a letter about both the electric light and the telephone. Documents concerning subjects that do not fall under the main subject categories are also filed in this folder.

Approximately 90 percent of the documents have been filmed. Duplicate copies of correspondence, third-party correspondence unrelated to Edison, and unanswered fan mail have not been filmed. Unsolicited requests for personal favors, for loans and exhibits of inventions, and for information about Edison have not been filmed except in cases where a significant answer has been found.

MISSOURI AND KANSAS TELEPHONE COMPANY.

E. T. GILLILAND, Pres't.
J. R. MULVANE, Vice Pres't.
C. D. GRANDALL, Sec'y and Treas.
E. L. SMITH, Gen'l Supt.

47 Waite Building.

Kansas City, Jan'y 5 1882

13
12
11
10
9
8
7
6
5
4
3
2
1
T. A. Edison
65 Fifth Ave.
New York

Dear Sir:

Your favor of recent date is at hand and also photograph for which we are obliged.

Please advise me of the expense and I will send check.

Very truly
C. D. Grandall

No charge whatever

31
Andrew's Art Gallery
→ PORTRAITS ← *Jan 4. 83*
Andrew
IN OIL, GRAYON, PASTEL, WATER COLORS & INDIA INK,
No. 683 Broad Street,

Newark, N. J., 4 Jan'y. 1883

Thos A. Edison Esq. N. J.

Dear Sir

I am duly
in receipt of your favor of
2 enclosing check for
\$100.00 for the dollars being
paid in full for Portrait
of yourself & frame.

Allow me to thank you
for same, & to express the
hope that hereafter I may
have the pleasure of doing
for me anything more for yourself
or friends.

Yours very obediently
A. Andrew

THE EDISON COMPANY
FOR ISOLATED LIGHTING

D 1883
GENERAL MANAGER'S OFFICE, Edison,
65 FIFTH AVENUE, N. Y.

Please address reply to the undersigned.

New York, Jan 28, 1883

Answer to
Thomas A. Edison Esq.
Dear Sir

Mr. Howard was
in my room this morning and
wished me to ask you for a copy
of the paper you are writing on
the "Storage system". The Governor
presided at a dinner at Providence
last Tuesday night when it is
reported that he will address
them on this subject and wished
the paper to prepare his remarks.
If you will send it direct to
him at Providence it will suit
him

Yours Truly
M. J. Moore

OFFICE OF

William D. Marvel

Cable Address
Marvel, New York

No 70 William St.

Post Office Box
3609

New York, 6 Jan 1883
Mr. T. A. Edison:
65. Fifth Avenue

Dear Sir:

The patents for this new
Aluminium process are in
my possession and are for
sale.

Samples may be seen
here,

Respectfully
Wm D. Marvel

Can you give me
any idea as to the
cost of manufacture
of aluminium by the
new process.

Hours for correction of Assessment 10 A. M. to 2 P. M.

Please bring this notice with you.

R. Book No. 44081 Page 259
Mr. Thomas A. Edison
No. 65 5th Ave

DEPARTMENT OF TAXES AND ASSESSMENTS,

Staats Zeitung Building, Tryon Row.

New York, January 8th, 1883.

You are hereby notified that your Personal
Estate for 1883 is assessed at \$14,000 exclusive of Bank
stock, and that the same, if erroneous, may be corrected before the
Commissioners, on or before the 30th day of April next, or it will
be confirmed at that amount; from which there will be no appeal.

By order of the Board,

JAMES O'BRIEN, Secretary.

1883-01-08
New Jan 8, 83,
3909 Locust St.
Philadelphia Jan 8, 1883

My dear Edison:—

My friend Professor Chas.
R. Wead of the University of
Michigan has written to me
asking if he could avail him-
self of an offer I made to him
last summer of a few Edison lamps.
If your offer to Professors of Physics
elsewhere good will you be good
enough to have half a dozen B
and half a dozen A lamps sent
to him by express. Address is
Univ. Michigan Ann Arbor Mich.

I gave the other day a note of
introduction to you to my friend
Ed. Commander Jewell, the electrical
instructor at the Naval Torpedo
Station, Newport. He is anxious to
introduce your machines into the
Navy for two purposes: let to run on

or perhaps two powerful arc lights
occasionally as search lights for
torpedoes; and 2d to use the same
machine ordinarily to light up
the ship with incandescent lamps.
He has now gone to Cleveland to in-
spect a special machine Bush has
wound for them. He expects to be in
New York on Saturday, and if I am
there on that day, I will bring him
to see you. He is a very nice fellow.

I trust you have not forgotten
the memorandum I gave you at
Mrs. Draper's. Please have Apton send
the special lamp ^{or} ~~lamps~~ ^{up} that he
with the other lamp ^{he is to send}
me. If he makes any more like
Mr. Johnson's Christmas tree lamps
I would like a dozen or more.

I expect now to come over to Mrs.
Draper's on Friday. I will try to
see you about secondary batteries
before Sunday. Sunday we are to
meet at Mrs. Draper's to complete the
adjustment of the current-smoother.

Cordially yours
George F. Barker

would of rather poor metal and working
on half of that into about 40 tons
of the alloy, the profits of the
business appear to be about \$5000.
sterling, and that too, after deduct-
ing £10,000 premium (for the
liquidation of £50,000, paid in)
£7500. for int. @ 5% on the £50,000. and
£5000. for payment of salaries.

This is not ascertaining the
by products, one of which is
blue dye which will supplant
the use of indigo, it is believed.

Some negotiations are now
pending for these patents, which
may or may not be closed within
a few days.

The only offer that I can make
of them now is (and must be)
subject to their not being ac-
cepted.

Yesterday I named
the price for the patents to
two applicants \$750,000. subject
to not being sold.
£150,000. was paid in in England

13 1873-01-10.
OFFICE OF
William D. Marvel.
Cable Address: Marvel, New York. Post Office Box 3609.
No 70 William St.
New York 10th Jan 1873

Mr. P. H. Gifford
At 65 Fifth Avenue City.

Dear Sir,

In reply to your letter
of yesterday date, I would say
that I cannot give you the exact
cost of producing the pure metal
Aluminium, as the net cost
will be largely reduced by the
value of the by products to be
obtained in the process.

I can say however that the
process is beyond the category of
experiments, it is an actual and
practical operation, and upon
the estimate of selling the
pure metal @ \$2000. sterling
(say 10,000) per ton under the present
price, and making one ton per

and two weeks ago yesterday
the patents for Belgium, and
France were disposed of.

Somebody will make a big
pile of money out of these things
for the time I fully believe.

The importance for telegraph
and electric light purposes
you are quite as competent to
judge of as anybody is.

I understand that one of
the not least important parts
in this process is producing
the pure metal for fusion iron
and other ingredients usually
so troublesome in the old ways
of producing this metal.

The key to the whole thing
is producing pure aluminum
at 1/10 (or less) of the former cost
and in a producible form, which as I
understand has hitherto been
almost if not entirely impossible.
The patent for Alloys is not

an inconsiderable item involving
an entirely new means of con-
sidering the use of this valuable
metal for such purposes.

It will supplant all
other metals for gas fittings (electric
light fittings) all sorts of nice, or
mental metal work, carriage, car,
house and harness hardware and
all the multitude of such things
owing to its susceptibility of high polish
and freedom from corrosion in
any climate or atmosphere, thus main-
taining a uniform appearance.

Yours truly
Wm. D. Hallward

P.O. BOX 3329.



ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
EDITOR & PROPRIETOR.

23 PARK ROW
ROOMS 14 & 15.

New York, Aug 10 1883

My Dear Mr. Inall,

Excuse my delay
in acknowledging your kindness
in my behalf with Prof. Edison and
thank him for me. I hope
I can send you some
money soon. - I have been
absent.

Very truly yours
Geo. Worthington

P. O. BOX 1184

Providence Telephone *Jan. 11. 83*

OPERATED BY THE AMERICAN TELEPHONE CO.

HENRY HOWARD, President
H. C. CRANSTON, Vice-President
CHARLES T. HOWARD, Secy. and Treas.
J. W. DUXBURY, Supv.

ROOMS 24 AND 27 BUTLER EXCHANGE,

W Providence, R. I. *Jan 11* 1883.

T. H. Edison Esq,

New York.

Thanks for your message.
It will cost so little to in-
troduce a storage battery
of what you call minimum
expense "maximum" economy
that I think that is the
kind of a wire to have.

Truly Yours

H. Howard

It does not appear in print.
If not would there be any
objection to my putting the
substance of it in the Prov-
idence Journal starting at all
reference to it, and

without mentioning your name at all. My selection would be to say something like this:

"The Storage Battery.

A gentleman who has been investigating the subject of accumulated electrical energy sends me the following as the result of his labors:

Then copy most of your paper but striking out the name of Smith wherever it appears.

What do you think?

J. N.

24883-0112

OFFICE OF THE
PROSECUTOR OF THE PLEAS,

1853 Masonic Hall,

New Brunswick, N. J.,

Jan 12 1888

J. KEARNEY RICE, PROSECUTOR

to
Messrs A. Dixon Esq
65 Fulton Ave - N.Y.
My dear Sir:

I am glad to
be able to report to you that
Worth was in all an inde-
bit of Court have been
against him - but
do not include any
which for this time, please
Yours truly
J. Kearney Rice, P. O. C.

Rev. ~~Andrew~~ ^{Mr.} Charles for \$30.

I have less of Romance to you
 of other Pass — I shall
 not Strive with you — I wish
 you to be happy —

Winstedy
K. Rice

20

JAMES KIRKUP
LONDON, ENGLAND

COMMISSIONER
OF THE GENERAL LAND OFFICE,
P. O. BOX 2111.

New York, Jan'y 15th 1883

My dear Mr Edison
Have you anything yet
from Mr. Luntz?
Yours truly
James Kirkup

of 9 Jan 1883
Mrs Draper

Jan 16th 1883
My dear Mr Edison

I have just received a note from Mr Scudder, asking me to have a wood cut made of the interior of Dr Draper's laboratory. It is to be inserted in a notice written by Prof. Young for the new Journal "Science". Do you think the man

of whom you spoke as
making such excellent
woodcuts would be able
to do it for me and if
so, could I get him to
attend to it soon.

Mr. Scudder would like
to have the wood cut
in about a week or two
days, as the article is
to appear in the first
number which is to be
issued, the first of

February. - If you think
your artist would
undertake the work,
might I trouble you
to send him to see
me - I am always at
home in the morning
from nine to twelve
o'clock, - and also am
here every evening.

Very truly yours

Anna R. Daper

REMOVED TO
COLL-17th ST. CASE B

BERGMANN & CO.,

108-114 HOOPER STREET.

(BY APPOINTMENT)

MANUFACTURERS OF EDISON'S INVENTIONS,

EDISON'S ELECTRIC LIGHT APPLIANCES A SPECIALTY.

New York, Jan 17th 1883

My Dr Edison

Write you please
order for me from
Johnson Matthey & Co
by Telegraph Ten
Ounces of Tellurium
I can't get the right
port here for my
Telephone

Yours

JH Johnson

26 1883-01-18
Mrs. Draper
211 Madison Avenue.

January 18th/83

My dear Mr. Edison,

I am exceedingly
obliged to you, and
also to Mr. Insull
for taking the trouble
to arrange with Mr
Chas. Lillan, who makes
your wood cuts, to
call on me soon in
regard to the wood
cut of the laboratory

Very truly yours
Anna R. Diaper

Accd. 20th Sept 83
Dear Tom.

41 Rue Laffitte
Paris
Jan'y 19th 1883

1883-01-19

Upon receipt of yours of 20th Sept last I concluded would not trouble you again until I could give you some idea that I was capable of putting up your system. So I went to Paris and took off my coat for Patch - enclosed I send you copy of letter he gave me for Calverton and London.

I have just returned from London after a fifteen days sojourn there. Can it be there is something ~~new~~ to make a success (and would venture to suggest that you find someone that will take an interest in working it up for you if it were not for fear of offending).

I am at present working up a syndicate to exploit Egypt on your system and have every hope of success. I enclose my card and beg you will permit my referring to you. I wish I would write you on my behalf if I desired it - but if you have any doubts you can have it dispelled by writing him. Be assured I should not ^{use} your name in advising your interests you have only to command.

Yours faithfully

Temple Original Please return it M. F. Adams
as I may want to see Corbett when I return to London

16 STATE ST.,
ROOMS 1 & 2,
P. O. Box, 2078.

13 1883-d-20

Jan 20. 83

Sackson.

New York Aug 20/83
J. A. Edison Esq.
Dear Sir

By request
of J. L. Smith Esq. of
Michigan, I send you
herewith a coil of
Copper wire, which he
says he promised to
send you - when he
was here a few weeks
ago - Presume you will
indulge what it is.
Yours Truly
J. M. Sackson Treas.
Continental Office

20

Jan. 20. 88

Corry
Portage Wood Co. Ohio
Jan. 20/88

Prof. Edison

Dr. Sir

Your favor recd and in answer
to your inquiry would say that
I have not sold any Selenium, was
only contemplating the matter of getting
out some. I have made several in-
quiries in N. York but nothing yet that
would encourage the idea. As the metal
is so rare I believe none is supposed
to exist in this Country and yet I find
traces of it in almost every thing. I see giv-
ing evidence of its great abundance. Here
it spoils the water in some New and
swampy parts of the County making it unfit
for drinking. I have here what I suppose
is a Selenide of Iron most all Selenium
It is so desperately poisonous to the system

that I am absolutely dejected or I would
make further search. I was contemplating
collecting it on an electrotype with a battery
if I could find material to justify hoping
to learn from you the price and market
prospects, but I find the gases escape even
then too much and I suspect I shall
have to abandon the project unless I learn
something more encouraging about market
and how to get it out safely.

Yrs &c.

Ellis Eberly

Schools.

January 22nd. 1893.

Mr. Edison.

I was informed by Mr. Borden that application had been made to him by Miss S. F. Whiting of Wellesley College for the temporary loan of one meter, 2 lamps, one socket, and double pole cut-out for experimental and lecturing purposes in her class of young ladies at the College. I told Mr. Borden that I would refer the matter to you, and will be glad if you will have Mr. Insull inform me what shall be done about it.

F. S. Hastings.

per Davidson

29

Prof. Charles Knight,
 2000
 May 22, 1883.
 Thos. A. Edison, Esq.

Dear Sir,

I write to you again
 if we can reach to talk about the
 electrical project in the building
 at Columbia College. I am in
 my office at the City Hall every
 day from 9 A.M. to 5 P.M. I shall be
 here at 1 o'clock. I shall be
 glad to see you at either time
 or please write to me if you
 want me so uncertain, kind &

should have to make a
definite appointment to
be at your service. Please
let me hear from you as
soon as convenient.

Yours truly,

Peter Lor

Ans'd
6
W. P. G. J. S.

3183-01-24
Jan 24. 83

The Salisbury Hotel,
Salisbury Square,
London, E.C.

January 24th 1883

Dear Sir, When my father saw
you in New York last October
or November and said that
I was bringing out a new
arc lamp, you said that you
were not acquainted with it
and had not felt particularly
with respect to the price.
The Manchester Electric
Co. asked me some time since
to try some experiments and
they said they wanted an arc
light to work with your system.
I succeeded in working
successfully three of my lamps in
series from two of your 60 ft

dynamas connected in multiple³ arc, which were also working 70 or 80 16 candle lamps, and the lights seemed at the time satisfied. The three arc lamps were arranged as a derived circuit from the dynamas the E.M.F. being 90 volt. The arcs were fully 200 candle power each. There was quite sufficient current to start the arcs when the carbons were separated, and while the arcs were burning a resistance of one ohm was inserted.

I was requested to work the lights the next evening for some one else to see which I agreed to do. When however I arrived the next afternoon all the lamps in the building had been substituted for those of a lower resistance and they said they wanted me to work without any resistance in the arc light circuit. When

the current was switched on the positive carbons got almost white hot as for as the holders, and I told them I must have a resistance inserted as the current was too powerful and also that the E.M.F. was too low, being then only 71.2 volts. I was told that if it could not work without a resistance it was no good and that it was simply a question of current and that the E.M.F. had nothing whatever to do with it. Of course I was surprised. At other times they didn't put out incandescent light when the current was too weak and I told them that in order to work the incandescent and arc lights together it was essential that a balance be kept up of the current in the two circuits and that they maintained, and that of

one circuit. It not being tampered with, it would interfere with the other. However, altogether I was treated very badly by them, for although the tests were conducted at their request the bill was returned, so that I was done both ways. Since I left Manchester I find that all sorts of evil reports have been spread concerning my lamp, in fact the electrician of the Edison Co. told two gentlemen who asked him whether he knew the new lamp that it was a swindle, and also that it was a swindle, that I was only a fool and knew nothing whatever about electricity etc.

However, you will see by the reports I have sent

The Salisbury Hotel.
Salisbury Square,
London, E.C.

you that those who have seen the light in operation at the Crystal Palace think, somewhat differently.

I hope you will pardon my writing to you for it is a liberty on my part, and my only reason for so doing is that things are so quiet here and if it is not intruding on your valuable time, which I know must be quite fully occupied, may I ask whether you know of a likely point to take over the the U.S. and Canadian patents. I am a great friend of this country as there is a little prospect, or and it is terrible to tell.

work.
The Brush Co. as no doubt you are
aware, are in difficulties with the
Lane Soc. lamp. Instead of a
success it is, from what I hear
a failure, and if reports are true
they have lost over \$10,000 with it
last year. Whether this is or
not, I cannot say, but from what I have seen, it
goes very soon at the joints. The
B's are also trying to start the Brush
dynamo to incandescent lighting
but their achievements are not
near success yet.

I trust that Mr. Babler
and the factory at Longport are doing
well. I saw him at the Paris
Exhibition and haven't heard
from him since.

Excuse me for this
lengthy letter.

Yours dear Sir
Yours faithfully
Charles Lever
Mr. Edison

with a view to interesting
you in the matter.

Some of the electricians of
a large telegraph company tell
me that @ 50¢ per ounce the
metal may be used to good
advantage, and as it can
be produced for within that
range it will probably be a
very handsome operation.

What do you think of it
for electrical and electric light
uses?

Respectfully,
Wm. D. Marvel
J

Can be used at that price
OFFICE OF
William D. Marvel
No. 70 William St.
New York, 26. Jan. 1883
Post Office Box 3669.
1883-01-26.
Mr. T. A. Edison.
No. 65. Fifth Avenue
Dear Sir:
Referring to my letters
to you of the 6th and 10th
instant upon the subject
of Aluminum. I would
say that if the negotiations
do not close tomorrow
27th inst., I intend to put
the operations in the form
of a joint stock company
at \$1,000,000.
\$750,000. for the patents to
be paid and the balance
\$250,000. working capital.
Would like to see you
either here or at your own
office at almost any time.

LABORATORY OF CHEMISTRY,
STEVENSON INSTITUTE OF TECHNOLOGY.

HOBOKEN, N. J.

Jan 26th 1883

Dear Sir:

I am endeavoring to find out for the Boston and Philadelphia authorities, the causes which have made the water supplied to these two cities almost undrinkable. In this inquiry I am led to the examination of the various proportions of dissolved gases, as a possible help towards solving the problem. I wish to construct for this purpose a mercury pump of great perfection — the amounts of gases to be analyzed being extremely small. Your own investigations upon such pumps would point to the best forms of construction, and I write to ask whether you will aid me with any suggestions as to what class blower is competent to do the work desired, and any other suggestions you may be able to make concerning improvements in the pump itself. I should hesitate to trouble you were I not working on a matter of public concern. Please telegraph me where I can see you.

Yours truly
Albert R. Leeds

22

Jan 26, 83

Wash

1883-P-26

to Mr. Edison that would like to
see the works of the Philadelphia
works have been sent to the
Philadelphia works for the
same as you do. Phillips does
not know how to get the
works for the city.
May dear Edison
My friend Mr. W. J. W.

Phillips of this city, President
of the American District Tel.
Co., desires me to call your
attention to a new cable
which he is about to bring
out for electrical purposes.
When at Tillotson's in New
York the other day, he was
told that you had applied
there for samples of lead
covered conductors for inside
work. He will take pleasure

in sending you any samples that you may need to test, if you will give him lengths and size of wire. His patent is for folding a strip of lead lengthwise on the wire or wires, drawing through a die and then burning the edges of the lead together. In this way, he can make a cable with any desired size of wire or number of wires and of any length. The wire is first covered either with cotton or asbestos and is passed through a bath of melted rosin on its way to the die. I have tested all the samples yet made and he obtains excellent insulation, some of the pieces of electric light single wire cable testing as high as 500 megohms per mile.

Will you be good enough to give me for him such information as you have about the bottom of Bone cove. Is it made in this country? What price per foot is asked for electric light cable? Also asbestos is in this country? Are you interested financially in it as is asked here? Have you any data as to its insulation resistance? And what is the advantage of putting on two coats of lead? I saw a letter from you (written by Mr. Duane) in the hands of the Secretary of the Company here saying you considered it the best cable you had ever seen.

Yours very truly

George D. Parker.

1883-01-27

Mr. Edison
Mr. Macomber

Providence R.I. Jan 27th 1883

Dear Sir,

There is a party in this city named
Wm. F. Macomber (not Mackintosh)
claiming to be the inventor of an underground
cable adopted by you in New York
city, also claiming that the W. L. have
adopted his invention. He has advertised
the same to considerable extent through
our newspapers. If not trespassing too
much upon your time please advise of time
or fail. I am associated with
captain Mackintosh, and Macomber
is causing me considerable trouble.

Yours, Respectfully,
E. N. Bogle
Associated Press Telegrapher
Prov. Journal

1883-01-27.

Accepted
at the
Post Office
Jan 27/83

1328 Conn. Ave.

Washington D.C.

Jan 27/83

Thomas A. Edison Esq.

Dear Sir,

I have been intending to write to you for some weeks past, but many engagements have prevented me from attending to anything that could be postponed.

The expediency of getting up an exhibition of Electrical Inventions has been brought to my attention several times within a few months past. It seems to me that it is almost time that America - which has done more than all the rest of the world, through the invention of yourself and Mr. Bell, for the recent advancement of Electrical matters, should have its own exhibition and not be dependent upon France or England.

I think if we could organize an Electrical

Exhibition to be held probably in New York
or if not there in Boston or Philadelphia
we could make a display which would
excel anything which the world has
ever seen. It would of course be impossible
to undertake such a work unless you were
heartily interested in it.

I'm one of the first one to whom I have written
upon the subject & I now write to learn if
the matter appears feasible to you -

It would be well if we did something to
have some action by Congress, to make it to
a certain extent a national matter. It would
not be difficult to obtain such action
if we could satisfy Congress that it would
be really a national exhibition, & that the
Government was not to be called upon
to make any pecuniary contribution.

I shall hope to hear from you soon in a few
days. You have perhaps seen by the

papers that Mr. Bell and myself have
started a weekly Journal called "Science".

The first number of which will appear
next Saturday. Mr. Bell has taken \$2,000
of the stock and I have subscribed for \$5,000.

We want some more subscribers, and after
one or two numbers have appeared, we shall
ask a few of our friends to join in the undertaking.

We do not expect it will be a money-
making operation, but as a contribution on
our part towards Science, which has done so
much for us.

I am, yours truly,
Samuel J. Hubbard

1883-01-27

Edward H. Johnson
56 West 12th Street
New York

Jan 27 / 83

My Dr Edison

I have found the House
that I want. It is owned
by Father McDowell - but
Prof Duenden of Columbia
College has a long lease
on it. The Prof does not
however occupy it -
hence it is in the
Market. Beaton will
explain - What I want
of you is that you
write a note to Duenden
& say who I am

1883-01-27

Edward H. Johnson
56 West 12th Street
New York

2

That you would be
glad if the matter
can be arranged
to suit me

Yours

E. H. J.

34

Jan. 28. 83.
Sohl.

1883-01-28

Grand Hotel

Brim Jan 25/83

Zs. 4/1 C.

Dear Sir

I have just received your note of Jan 18th and must confess my surprise at what you state. I always believed that Mrs. Echols made me a present of those 100 Hs at the time, and I wish you will please inquire of him if that is not the case. I always had an idea that it was a present for the interest I took in whether he made me do and to this day I have helped to advance his cause as much as soul and body can do.

If however it is wanted
upon, I have sent my
brother that one-half share
which you take in payment
giving the remainder to
my brother for my mother
Money I have none, as I
have to help my mother
and sister along, and
you can oblige me by
selling that one-half share
at the highest price, ~~and~~
so as to get as much for
my folks in N.Y. as possible
as they need it.

Any early reply will oblige

Yours truly,

James Jackson

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

NEW YORK

1883-01-29

29 Jan 1883

My dear Edison

I called back
you in relation to a con-
versation I had on Saturday
night in Boston with the
President of the Board of
Common Council and it re-
lates to matters of
business that I feel quite
sure will interest you -
I would like to hear from
you at your very earliest
convenience as I leave
town on Wednesday. I
can be found at Union
Square Theatre or at Boston
House at any time. Hoping
you will write back soon I
am
Yours sincerely
(Hester) J. M. Allen

NARRAGANSETT HOTEL
CHAPIN & ROBINSON.

291883-01-31

Bogle

Providence R.I. Jan 31st 1883

Mr Edison

Dear Sir:

The enclosed article
is the one referred
more particularly to.
Thanks for your answer.

Very Respectfully

E. H. Bogle



Burrell & Whitman,

1883-02-01

Little Falls, N.Y.

Feb. 1st. 1883.

Mr. Thos. A. Edison,

65 Fifth Ave., N.Y.C.

*Have man working
on it.*

Dear Sir:-

I have not heard from you with reference to what you may have accomplished in the way of separating cream from milk instantaneously. I hope you will not deem me importunate, but the Spring will soon be here, and if we can by any possibility be ready for the ensuing year's business, it would be very gratifying indeed to us, and remunerative to all concerned.

While I have talked especially with you with reference to the separation of cream from milk only, I beg to state now that we are also experimenting with a view to securing not only the butter and caseine in the milk, but also the albumen and the sugar of milk. Beside the butter fats in the milk, there is 3% to 4% of caseine, 2% to 3% of albumen, and 5% of sugar of milk. The caseine, when made into cheese, retains more than double its weight of moisture, as we find that curd cheese is soluble in water to the extent of about 75%.

The albumen can be secured by taking the whey, which is left after making the cheese, heating it up to 194 or 200°, when the albumen will thicken the same as the albumen of an egg. This secures a part of the albumen which is in the whey, and the balance can be obtained by treating the whey with muriatic acid, or vinegar. After securing this albumen from the whey, then the sugar of milk can be obtained by condensing the whey in a vacuum pan.

If there was any way in which the sugar of milk could be converted into carbon or fat, in the milk, so as to hold the same in solution, and retain it in the cheese, we could increase the yield from 10 lbs. of cheese from each 100 lbs. of milk to 15 or 18 lbs.

In writing you, making these suggestions, simply to show you how much there is involved in this milk interest, I should be very pleased if you would let me know what results, if any, have attended your experiments. I remain,

Yours most truly,

J. H. Burrell

1883-02-02

P.O. BOX 3329.

NEW YORK REVIEW



24 PARK ROW
ROOMS 14 & 15.

New York, Feb 2, 1883

Personal

RECEIVES ALL COMMUNICATIONS TO
NEW YORK OFFICE,
CANTON & FARMINGTON.

I shall deem this favor an exceedingly great
obligation to me & my family & I
should a. mind to do so.

My Dear Mr. Small,

As a "last resort" ^{times}
I called to see you and just
missed you this P.M. - Until Friday
the 16th inst. I wanted to know if
you would or the Professor, let me
have your check for \$200.⁰⁰. I have
some \$1600.⁰⁰ due to me larger portion of
which I shall receive then but for
a special purpose wanted some funds
to use tomorrow and it would help
me exceedingly. I will return it on
15 or 16th inst. with interest and a bonus -

I note exceedingly interesting and valuable
interview at length with the Professor in Boston
Sunday the 10th inst. Shall we extract abridgement
for next edition. I am

Very truly yours,
G. W. Washington

Friend Inoué / Saturday A.M.
I wanted to use
this towards covering a
stock of paper I am getting
today & therefore call ~~the~~ ^{my} money
as depend you I do not have
who I could ask for the sum, ~~the~~ ^{the} ~~money~~

W. C. Thompson
Feb. 2. 88

Jack
Mar 1923

Dear Sir,

I write to you in accordance
to my husband's instructions for
\$3.000 I have not received any
answer from you, I have received
a second letter from my husband
asking, have I heard from you, will
please send me the money as
my baby is sick and I can not
well go for it.

I am sure
Yours Respectfully
Mrs. Cunningham

Address 176 Brown St

34

Newark, Feb 4th 83-

Mrs. Cunningham

THE WINDSOR HOTEL
FIFTH AVENUE, NEW YORK
HAWK & WETHERS

29 1883-02-04

Louis Feb 4. 83

OO's are trying but they kick
hard at the Patent Office

will continue to Windsor Hotel

Invitation to keep Feb 4th 83

patent applied for at them

of Thomas A. Edison

Dear Sir

When I
called in you were from work
as you said you would take
out the application Patent in about
a month. Have you got it yet.
Please address me at Windsor
Hotel and oblige

Respectfully

Charles H. Lewis

36 1883-02-05
The American Union Telegraph Co.
Dated, Boston, Mass. Feb. 5th 1883.
To The American Union Telegraph Co.
Care of
Edison & Co.
Sheet No. 1
6 Friend Edison:
Would you have any use for a device
whereby you could put an unlimited
number of incandescent lamps in
one circuit of multiple arc and feed
them with suitable number of
dynamoes without reference to their
spread something to the same effect
as a double set of arc lamps fed
by two dynamoes in series. The cause
of my asking is something I read a
while ago, which I may have
misunderstood, to the effect that
your company had some trouble
with working more than one machine
on one circuit and have something
which I believe simplifies the
matter effectively and might be
induced to give your company the

was ~~of the~~ exclusive ~~of the~~ ^{concerning} ~~the~~ ^{the} right to use it myself. For
it is a part of something else.
I am squandering my money on
I need a lot of money and to perfect
something else which I may offer
you by & bye. The device I speak
would be valuable to a company
owning multiple ^{as you do} are circuits
for a central station ^{as you do} New York
and as I suppose you will some
day in Boston.

Respectfully

Joseph H. T. Ehu
W. W. Tel. Co.
109 State St.
Boston

P.S. Why don't you hire me once by
salary when you start operating? Sure, no
use for me to go to Boston. Too girls too many
other friends with big hands and I don't

Yours truly

26 1883-02-05

Feb. 5. 83
P. 90

120 Broadway, New York,
5th Feb., 1883.

Saml. S. Small, Esq.,
65 Fifth Ave.:-

My dear Mr. Small,
You will find

enclosed my receipt for the February
rent for the Gramercy Park house. My
plumber and an inspector of the
health department are to meet me at
the house at half past nine tomorrow
morning. Can not you also meet me
there at that time? Will you oblige
me by letting Mrs. Edison know of
this?

Yours very truly,
James H. P. 90

STATE UNIVERSITY,

1883-02-05
Columbus, Ohio, Feb. 5 1883

Thos. A. Edison
Menlo Park,
N.J.

My dear Sir,

I have been engaged within the past year or two at various times - in the investigation of the electrical properties of your "Carbon button", some of the published results of which you may have seen - indeed I think I sent you one or two papers on the subject. Recently Prof. Stephen Thompson of England has published a paper (Am. Journal Science) - in which he denies that there is any real change in resistance of the Carbon due to pressure - claiming that the apparent change is to be

attributed entirely to change in surface
contact of the metallic plates. The
question seems difficult to settle
but I have hit upon a plan by
means of which the metallic contact
shall be entirely free from any effect
of pressure - and I am anxious to
put it to the test. I cannot apply
method to the carbon in the form
of the buttons - specimens of which
I have in my possession (thanks to your
kindness) - and I would like
a few specimens in the form of short
rods or cylinders - say 4 to 6 cm
in length and 10 to 15 mm. in diam.
I have no means of preparing it - and
if you can do so - and will kindly
send me a few specimens - I
shall be greatly indebted - and
I am confident that by so doing
you will aid in settling a vexatious
question concerning the curious
properties of this substance.

I am yours faithfully

T. C. Mendenhall,

Prof. Phys. Ohio State University.

883-02-05
Received Jan 5th 1891

Mr. Edison
I received a letter from my
Friend Mr. M. D. Cunningham on
29th January, saying Mr. Batchelder,
had writing to him, to send
me \$3.00 will you please let
me know have you heard from
Mr. Batchelder,
Respectfully,
Mrs. Cunningham.

Address 176 Broom St.

1883-02-05

The Operator
AND
Electrical World.
W. J. JOHNSTON, Publisher,
No. 9 Murray St., New York.

343
copy filed
Aug 7
W. J. Johnston
July 15th 1883

J. A. Edison
57
25 Fifth Ave. City

Sir:

Will you kindly inform
us of the number of patents that
have been granted you to date.

We ask the information
in answer to the query of a
correspondent.

Yours Respectfully
The Operator & Electrical World
Editor

P.O. BOX 3329.



ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
Editor & Proprietor.

23 PARK ROW
ROOMS 14 & 15

1883-02-07
New York, Feb'y 7th 1883.

My Dear Insull

Replying to your
estimated favor I beg to acknowledge
receipt of your very kind favor
conveying check of \$200.⁰⁰ (which I
had previously acknowledged and handed
to my boy and supposed until
this moment it had been
delivered to you; please excuse
the negligence, I shall return
your kindness with the
amount next week - I am
very sincerely yours,
Geo. Worthington.

1883-02-12

41-2 Sears Building,

Boston, February 12 1883

Thomas A. Edison

Dear Sir,

Your letter received in which you say you are having some trouble about getting the Polyphon Patent but that we can do business just as well under "Patent applied for" that is all right. but I have a party who is suing me because I represented, so he says, that we the Mendenhall Co. had a Patent - and he bought stock thinking what was. today I rec'd from your letter direct that he says if you will sign the assignment to the Company when this is issued he will be satisfied he has just bought in the "Patent" assignment before Patenting. If you sign this

2

1883-02-12

41-2 Sears Building,

Boston, February 1883

he will withdraw suit against me now you can sign this paper and not fear the passage of the Patent please do so for I will pay you money and much annoyance otherwise I must stay here away from my New York business to attend suit. And other suits may follow

Now if you sign this "Assignment before Patent" it will not be trouble and you can take some time about getting it got all interests that Mr. Mendenhall and myself bought of you (and my money) are owned by the Mendenhall Musical Company of Connecticut, and have been since October 1879. I think he ought to of had the Patent long ago - but that comes in time only sign this and give it to

WM. D. LEWIS.
CHAS. H. LEWIS.

4-1-2 Sears Building,

Boston, 188

Dr Hatherning who is President
of Green College who will be here
this afternoon so he can meet it for
me tomorrow night sure and it
will save me books and expenses
The party who does me wanted this
thirty (30) days from today me less
time enough to get it. Please this
paper I believe compels you to
accept it with compulsion when
you get it. don't delay this
but sign it and deliver to
Dr Hatherning who will wait for
it and gently oblige yourself
Yours

Chas. H. Lewis

President Mount Holyoke College

P.S. I don't care if you never
like it but I want this money
for the college. I am sure you
will be glad to see it.

1883-02-12

WM. D. LEWIS.
CHAS. H. LEWIS.

4-1-2 Sears Building,

Boston, 188

If there is anything you don't
understand please telegraph me
or write, for it will not be
time to telegraph of my response
and let Hatherning wait at
your office for the reply. I must
have this perfect Monday morning
by 10 A.M. to stop this suit.

Chas. H. Lewis

Form No. 1.

1883-02-13

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following messages. Errors can be guarded against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of telegraphed messages beyond the amount of cash paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

THIS IS AN UNRECORDED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. MCKERT, General Manager.

NORTH GREEN, President.

NUMBER	SENT BY	RECD BY	DATE
406	Bx S	Mr Tia Day	Feb 13 1880

Received at: 852 BROADWAY.

Dated Magnolia Hall
 To Mr Camb Insulls 65-5 Ave
 Arrived last night
 all well
 J
 Edison

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

27
1883-02-13

Mendham

OHIO STATE UNIVERSITY

Lampblack is very difficult to
work - Can make platinum
mixture of lampblack & platinum, I
will do best - Can
Thos. A. Edison Esq.
C. 6 - Fifth Avenue

N. Y.

My dear Sir,

Yours of the 10th
is at hand - for which please
accept my thanks & if it proves
to be too difficult to make the
Carbon cylinder of the dimensions
mentioned in my letter of the 6th
not - I should be glad to
get almost any kind of a cylinder
- whose length was somewhat greater
than its diam. If the diam. is
as great as that of the battery - and
the length several Centimetres - it
will do very well & I may add
that I am indifferent about

is being a cylinder at all -
- the cross section may be a \square or
a Δ or anything convenient.

- I would not presume to
bother you so much about the
matter - but I not believe that
the result of the use of such a rod
will be of great interest - as a
means of decisively settling various
questions.

Yours faithfully -
T. C. Neudorff.

Mr. A. Stern,
Philadelphia.

1883-02-13

~~Feb 13 1883~~
~~Write me~~
~~Mr 5 - I will give 1/2 of my interest~~
~~in the Car Lighter to you~~
~~Dear Mr Edison~~
~~It has now been~~

some time since I spoke to
you of the results of the in-
terview you suggested I should
have with Mr. Lewis. Westing-
house on getting him in-
terested in the Car Lighter.
He is now an extremely firm
believer in Amies strange
system (2), and says if
that is fact, there is no
use in his purchasing
patents on the same.

I now propose to call
on some of the Penna
Rail Road people on
Tuesday or Wednesday
next, having the promise
of an introduction to the
right parties, in regard

€ the Car Lighters.

To I understand it you are willing to assign over half of your interest in the Car Lighter patents to any satisfactory party who will provide the funds necessary to complete the experiments and to put the matter properly on the market.

In order that there may be no question as to my right to speak for you in this matter, and as to how far I may speak for you, I wish you would write me such a letter as I can show to the parties if they take enough interest in the invention to make it worth while talking business to them.

Of course it is for you to complete the bargain, if one is to be made. What I would like to have, as I have already mentioned is something to show my authority to represent you.

I assume you still think as well of the car-lighter as you assured me you did. And that being the case, it would be well if your letter would contain an expression of your views on the subject as favorable as you can consistently make it.

I am as yet quite in the dark as to what can be effected in this direction. Nevertheless, and honestly believe the car-lighter a valuable invention. I want to push it if possible.

You will greatly oblige
me by giving ~~the~~ your im-
mediate attention.

Wishing you the
same of success in
all your numerous
undertakings, I remain

Yours Truly

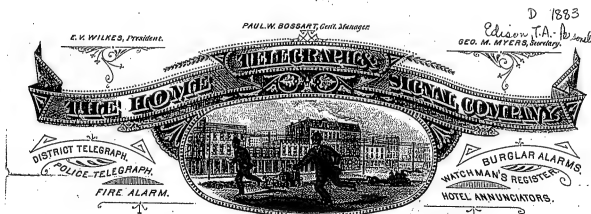
Wm A. Stone

125 N. 7th St

To Mr T. A. Edison Phila

65 5th Avenue

New York



Samuel Wilson & Son, Lithographers, N.Y.

Kansas City, Mo. Feb 7 1883

Thos A. Edison & New York

Sir: Would you do me the kindness to have sent to me by express one of your photographs, large size, suitable for framing, if so I should very much appreciate it. All expense attending the same will be cheerfully paid by the writer - I am encouraged to write this rather cheeky request by seeing one of your photographs in the office of the President of the Telephone Co. and also by an acquaintance with you in the past.

Very respectfully Yours

Paul W. Bossart
formerly of Boston & Ky.

Form No. 1.

1883-02-15

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the foregoing message. Errors will be guaranteed only by transmitting a company seal to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of loss paid thereon, nor in any case where the claim is not presented in writing within sixty days after receipt of the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOMAS GREEN, President.

NUMBER	SENT BY	RECEIVED BY	REMARKS
378	C. M.	J. M. Davis	Jacksonville

Received at 852 BROADWAY.

Feb 15 1883.

Dated Magnolia Fla
 To Saml Dinsull
 Co - 5 Ave
 Will be at magnolia
 three weeks send documents
 here
 Edison

This telegram has just been received at the office in 802 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

P.O. BOX 3329.



1883-02-16

Personal,
ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
Editor & Proprietor.

23 PARK ROW
ROOMS 14 & 15

New York, Feb. 16, 1883.

My Dear Mr. Jewell,
I regret to hear to
write you this morning that the
parties owing and who promised to pay
me yesterday or today have put
me off until next week but to
enable you to use the money
today as I promised I enclose
you a certified draft for three
days so that you may not
be put to inconvenience as I
have been. Thanking you again
for your very kind assistance
which hope to shall soon have opportunity
to repay I am

Very truly yours,
Geo. Worthington

1873-02-16.

Edward Stern & Co.

Printers & Lithographers.

122 & 124 NORTH SEVENTH STREET.

Philadelphia,

February 16 1883

Dear Mr. Edison

I am as yet without answer to a letter I wrote you some days ago. in reference to the car-lighting patents. As I do not care to see any of the parties unless I have a letter from you confirming my authority to speak for you in the matter, I trust you will oblige me by giving it your immediate attention.

I want you to understand that I have your interest as well as mine in view as to this business which is too good a project to drop.

owing to delay in getting a business stand in Pittsburg, I shall remain here for a few weeks, and want to put in my time in working up our patents. Please, therefore, let me hear from you without delay. Yours Resp Wadsworth

EDWARD STERN & CO.
PRINTERS AND LITHOGRAPHERS
425 & 427
NORTH SEVENTH ST.

1883-02-17
63
Stern

PHILADELPHIA, Feb 17 1883

Samuel Insull
New York

Friend Insull,

Yours of 16th to
hand in reference to Mr.
Edison's objections on the score
of giving me the desired letter
in answer will say that
I will be at the above
address all day Tuesday next
and will be pleased to
see you.

Be kind enough
to wire me in advance
just what hour I might
expect you.

Hoping you will not
disappoint me in this
matter.

I remain

Yours Truly

Wm. Stern

C/o E. Stern & Co
125 N. 7th St
Phila

Form No. 1.

1883-02-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be granted credit only by repeating a message back to the sending station and correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of time paid thereon, and no claim will be presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHARGE
447	AK	By 30th	Wm Jacksonville

Received at **852 BROADWAY.** 7.00 1883.

Dated *Magnolia Floris.*

To *Sam'l Insull*

65 Stue

Better Consult Wright

Edison

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

P.O. BOX 3329.



22 PARK ROW
ROOMS 14 & 15.

ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
EDITOR & PROPRIETOR.

1883-02-19
New York, Feb. 19, 1883

Friend Inland

Enclosed please find One hundred dollars
which ^{which I have held} ~~will~~ ^{is} ~~due~~ on draft due ~~not~~
this day. I will send up balance
in few days. Several parties
who are owing me a considerable
amount have been making a little hell upon
earth here for one for two weeks
past by their unfulfilled promises
to pay their accounts due ever since
January 1st, and you cannot
relish the great annoyance it
has given me for their assurance
has so misled me. Do not send
a paper unless you are prepared to give
multitudes. And I will see ^{with the balance} ~~with the balance~~
due by the first and I think now by Saturday
unless again disappointed which is not probable.
Very Respectfully
Georgie Worthington

26 1873-02-19
GREEN, GEORGE, MANSION

St. Louis, Mo. 1873

Thomas Shiron
Newark Park - New Jersey

Friend Shiron

You will no doubt be surprised to get a letter from me after being eight years - but I presume you will call to your recollection the time you knew me, on the Grand Central Railway between Port Huron and Detroit. O'Grady is my name and I had then McGregor with me - Stevenson was Conductor and Tom Smith, Land Baggage-master - This is enough to establish my identity. I think since then, I have been

DEO. W. ALLEN, BRYAN & THOMAS,
CHAS. P. WARNER, VICE-PRES.
WILLIAM B. ALLEN,
THOMAS BRESLIN.

1875-02-19
O. P. WARNER, GEORGE, MANSION

St. Louis, 188
in various places, but for the last year have done nothing. I have been so sick, that I could do nothing. And I am here in a land of strangers without means to get away - I write to ask you if you would kindly loan me \$20 (twenty dollars) and I will repay it to you in 30 days after I get it - as if I could get work and be all right again - Hoping for the sake of old times you will grant my request and help me save your old friend

J. D. O'Grady
address Civil Engineer
J. D. O'Grady
Care of John G. Joyce
Commissioner of Harbor & Wharf Office
St. Louis - Missouri
(O'G)

Rest assured I am not
begging this, but shall send
it to you when I say I will,
but if ever you helped any
timid being - help one now,
and I shall never forget it.
In addition to having
malanch fear, I had my
foot badly burnt which
prevented me from doing
anything - but if you tell
me I can I will be all right
again -

explain
my 1/2 sales left
Boston
today
\$20.50



Boston, Feb. 2^d 1883.
My dear Mr. Editor:

It was with no
small pleasure that I learned
through one of my patrons that
you were remembering me.
I assure you that no one
can have watched your
wonderful career with more
interest and delight than
myself; and I can not tell
you how happy it would make
me to see you once more.

Will you not call upon

me. While you are at the
"Luncheon", I shall be at
home this evening, and I
am at home every day un-
til two o'clock. Should there
happen not be convenient for
you, I will arrange to be at
home, at any time, that you
may appoint. If you will
kindly drop me a line, for
I should be greatly disap-
pointed to lose your call.

With great respect,

Respectfully yours,

W. L. Garrison.

No. 68 Marlborough Street.

Mr. Edison.

Hotel Vendôme,

(1893 ?) - 02 - 23

WESTERN UNION TELEGRAPH COMPANY.

[illegible]

THOS. T. BURGESS / GUYTON

NO.	MESSAGE	SENT BY	SENT BY	GROUP
070	12-15	19	19	mmjmafax

Received at the WESTERN UNION BUILDING, 190 Broadway, New York.

Feb 23 1888

Dated Mamolia Tha 29
To Samuel Knoll
65 5th ave ny
I send you telegram to
show Howard to the best you can
but dont agree to any exclusive
business. Edison

Page No. 44

(1883)-02-23

NIGHT MESSAGE

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages on the conditions limiting its liability, which have been accepted by the sender of the foregoing transmission. Errors can be regarded against only by repeating the message. The Company is not responsible for omissions, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated messages. The company will not hold itself liable for the amount paid for transmission, nor in any case where the claim is not presented to the sender within five days after sending the message. This is an UNREPEATED NIGHT MESSAGE, and is delivered by request of the sender, under the conditions stated above.

RECEIVED AT THE WESTERN UNION BUILDING, 196 Broadway, New York.

Dated _____
 To _____
 Magnolia Fla 23
 Saml. Mearl
 65 5th ave ny
 Will not pay more than
 six percent under any
 Consider
 Edison

RECEIVED AT THE WESTERN UNION BUILDING, 100 Broadway, New York

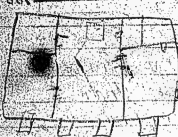
1888

1888

RECEIVED AT THE WESTERN UNION BUILDING, 100 Broadway, New York

1888

1888



OFFICE OF A. INELIN & CO.,

48 WALL STREET, N. Y.

1883-62-23.

P. O. Box 910.

New York, February 23rd 1883

Thomas A. Edison Esq.
65 5th Ave. N. Y.

Dear Sir,

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Reply to acknowledge receipt of your
favor of this day.

We have no instructions yet from General
about the drafts you refer to; but
will inform you as soon as we receive
them.

Yours truly,

A. Inelin

P.O. BOX 3329.

1883-02-23



ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
EDITOR & PROPRIETOR.

23 PARK ROW
ROOMS 14 & 15.

New York, Feb 23, 1883.

Friend Inoué,

*Your favor just
ad. here for which accept
thanks - kindly hold draft
until first of the week
when I will send up
balance ^(\$103.00) to your office
with interest. In haste*

Very truly yours

Georg Washington

Form No. 1.

1883-02-25

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the sender of the following messages. Errors can be corrected within only 15 minutes after the sending of the message, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of time paid thereon, nor in any case where the error is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

T. E. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
46	Mr W	Paid	10 20

Received at **791 BROADWAY** Feb 25 1883.

Dated Philadelphia Pa 25

To Samuel Insull

65 Fifth Ave New York.

Mr Green today have appointment

W A Stern

This telegram has just been received at the office in 701 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be charged against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. BOKHEIM, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
303	Ja	n	10PQ

Received at 791 BROADWAY.

March 1889-3

Dated Washington DC 2
 To Prof J A Edison
 65 Fifth Ave
 Sent today fifth ave did
 not know you had returned
 W H Painter

This telegram has just been received at the office in 791 BROADWAY, near Ninth Street, where any reply should be sent.

DIRECT WIRES.

29

Mich. 1880
Paines

P.O. BOX 3329.



ADDRESSES ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
Editor & Proprietor.

24 PARK ROW
ROOMS 14 & 15

New York, March 2, 1883

Friend Asaull

Mr. Stone of whom I was
to receive the money today
will not arrive until
tomorrow when I will
hasten the check up to
you am sorry to keep
you waiting so
Very truly
Geo Worthington

1883-03-03

P.O. BOX 3329.



ADDRESS ALL COMMUNICATIONS TO
GEO. WORTHINGTON,
EDITOR & PROPRIETOR.

23 PARK ROW
ROOMS 14 & 15

New York, March 3^d 1883.

Friend Insull

Enclosed please find amount
due you with interest and with
many thanks for your goodness
which I hope I shall soon be
fortunate enough to reciprocate—
Yours in haste,

Geo. Worthington

\$105.⁰⁶ herewith please return the draft.

1883-03-04

CHARLOTTE, N. C.

March 4th 1883.
Jas H. Edison, Esq.
New York

Dear Sir.

Please accept many thanks
for your kindness in returning the 10⁰⁰.
my mistake, I paid only in ticket business
for several years. ^{and} I am sure for a
such kindness shown, where I was at most
I am sure I can do for you in my
sphere of country on business possible,
let me hear from you.

Very Respectfully Yours

J. Adams
John Adams



33
1883-03-24

S. Gray
Sunday,

New York March 24 1883

My Dear Insell -
I was
of today at hand I
hope you can excuse
me to Mr. Edison for today
and make an engagement
for tomorrow (Monday) at
4 o'clock. - My reason
is that the change in
Messrs. Thompson
and Wendell and Spauld
left Hepburn to hear the
proposition and they will
be here tomorrow. - I will
inform you as now but
must wait until the
other arrives - You can
see today - will explain

1883-03-24

More in detail—

Josephine
W. H. Jones

(1883)

Rought estimate of probable cost of apparatus required
in connection with the establishment of a department of Electrical Engineering at Columbia College.

Engine (8 $\frac{1}{2}$ x 10)	\$750.	250 Cells of Battery, Assorted.....	\$ 350.
Foundation.....	235.	20 Cells of large Battery 100.	
Boiler and setting.....	730.	10 Cells Secondary Battery.....	150.
Smoke Stack.....	140.	Supply of Chemicals and apparatus for Meter Work.....	500.
Foundation of same.....	20.	Two Balances.....	200.
Exhaust Pipe.....	25.	Set of Standard Batteries.....	50.
Counter Shafting.....	150.	One Microscope.....	150.
Pump.....	100.	One Photometer and Apparatus for Meas- uring Gas and Elec- tric Light.....	400.
Piping and Valves.....	100.	Standard Works.....	450.
1 Dynamo (150 lights)..	900.	Thermometers, Cali- rimeters, Electro- Magnet, Hydrome- ters.....	100.
1 Dynamo (60 lights)...	550.	Indicator and	
2 Dynamos (40 lights)..	750.	Rigging for Engine Plainmeter.....	125.
one 100 volts--one 300 volts.		Holz Machine.....	225.
Beltting.....	60.	Induction Coils.....	10.
Automatic Regulator....	125.	" "	25.
Wiring.....	235.	" "	150.
Six Thompsons Galvanometers Scales, Lamp stands &c..	600.		
Six Wheatstones bridges.	900.		
Four Rheostats for low resistance.....	30.		
Set of standard German silver shunts.....	150.		

(1883)

Sounders, keys, Binding....	
posts &c.....	\$150.
Electrometer.....	175.
Set of small Galvanom- eters.....	300.
Condensers.....	300.
Standard Condensers.....	225.
Bar Magnets, Supply of Zinc, Carbons, Battery Supplies.....	150.
Thero-electro Pile.....	150.
Tangent and Sigm Galvo- nometers.....	250.
Supply of Models shown in Chapter XLVIII Des- chanelis, p.p. 680-697....	250.
Three Arc Lights.....	150.
Voltimeter and Plating Bath.....	30.
Small Tools, Glassware and Extra Supplies.....	350.
Gas Engine for Machine Shop.....	475.
Shafting.....	60.
Benching.....	45.
Vices.....	24.
Lathes and Tools and.....	22.
Small Tools and Relting Grind Stones &c.....	1800.

14469

[TO SAMUEL INSULL]

Phila. Dec 5th 1884
I left at Mr. Co's last night (I think
on the hat-rack) a copy of the
School of Mines (Columbia College)
pamphlet containing some im-
portant papers. Will you look
it up & either send it to me or
keep it till I come? Wm. B. F. Barker.

D
1883

27 Edison T.A.
Personal
Jan 12 83

Norman

Ogdensburg - Mar the 10 1883
Mr Edison

Sir when I went with
you last summer to Pilot the
yacht Arrow to Oswego I went
to New York while down there you
came aboard and made a remark
that you was going to have a yacht
if your own I ought to know if
you have one or going to have
one and if so I would like to
sail her for you if you haven't
oney Captain engaged I can run
a yacht any place down there
that we went last summer or
I can bring a yacht from there
up to here and from Ogdensburg
to Chicago or up Lake Superior
to Duluth if you should want to

so you would find it a grate
saving to have a man able to
perform that work without hiring
a pilot please to answer this
as soon as you ^{can} and oblige me
I remain your humble servant

James E. Norman

Ogdensburg

N. Y.

In care Journal Office

P.S. if you haven't got a yacht
that is a nice one for sale
up here

Mr. Edison

Pro. R.D. Mch 14th 1883

1883-03-14

Dear Sir

I am greatly obliged to
you for answering my letter.
Do you object to giving me a list of a part
or all of the different underground conductors?
Upon my honor I will not in any way use
your name. I am working up Capt. Mackintosh's
system in this city and I wish to become
more familiar with the different conductors.

Very Respectfully

C. H. Bogle
Pro. J. J. Bogle

Tell him we will
have to apply to a
Patent lawyer for the
rights as we
have not got a

1883-03-14

Columbia College,

New York.

President's Room, Mar. 14, 1883

My Dear Mr. Mayor,

I send you, herewith,
as promised, a copy of the
course of instruction in Electrical
Engineering which we have
drawn up. We should be glad
to receive any suggestions from
Mr. Edison or his modifi-
cation. We have had the
voice of Prof. Barker on the
subject.

I have a good deal to
say to you about this matter;
but I am too much pressed
with engagements to say it
today. I will try to write at
some length tomorrow.
Very yours
J. A. Van Dam

39

27 Walnut Street

Ward
Mel. 15. 4. 83

J. Inall Esq -

Dear Sir. -

I should be glad
if my acquaintance had
said the money to assist
Paine in his experiments
and a friend of mine
is almost persuaded
to back the enterprise with
a large amount. The news-
papers here have given it
a good off and if it will
not be asking too much

I would like Mr Edison
to tell whether there is
any thing at all in
it or not. —

The little lamps
work all right but I
have just heard that
some one in Chicago is
ahead of me although
I have not gotten the
patent yet —

Yours truly
Edwin D. Searcy

1883-03-16

CHRISTOPHER T. LOWERY,
275 Broad St. (opposite Bulwark)
New York City.

Mar 16th 1883

My dear Editor -
Col French
handed me the enclosed
+ on reading the letter I
thought if you had not
seen them you might
like to do so.

Very
Respectfully
Yours

1883-03-19

ODDENSBURG, N.Y. MARCH, 19TH 1883.

THOMAS A. EDISON

55 5TH AVE. N.Y. CITY

DEAR SIR: ON MY RETURN ON THE 17TH INST FROM OUR COUNTY SEAT I FOUND MR. BENTONS LETTER OF THE 14TH ASKING ME TO WRITE YOU 'ALL THE FACTS' CONCERNING THE 'RAWSON' AND LANCET 'OF THIS PORT.

THE RAWSON IS 52 FEET KEEL, 10 FT BEAM, DRAFT 4FT AFT- AND 1 1-2 FT FORWARD. ENGINE BUILT BY CLUTE BROTHERS OF SCIENECADY, CYLINDER SIN. BY 9 IN, HIGH PRESSURE. BOILER OF LOCOMOTIVE PATTERN, MADE OF BEST BOILER IRON.

SHE IS BUILT OF BEST WHITE OAK, FRAMES DOUBLE 4 BY 6 IN. AT KEEL AND 4 BY 8 IN AT TOP, PLANKED WITH 1 1-2 IN OAK. CABIN AND CLOSETS OF PINE, OIL AND SHELLAC FINISH. SHE IS PROVIDED WITH WATER CLOSET AND WASH ROOM AT THE AFTER END OF CABIN WITH A CLOTHES LOCKER ON ONE SIDE. THE CABIN SEATS ARE MADE IN FOLDING BED STYLE WITH CUSHIONS OF V. CRIMSON PLUSH THAT ARE MADE TO SERVE THE PURPOSES OF MATTRESSES. CABIN WINDOWS ARE OF FRENCH PLATE GLASS. THE CABIN PROVIDES SLEEPING ACCOMODATION FOR EIGHT PERSONS. TO BUILD A STAEROOM IN THIS CABIN WOULD IN MY JUDGMENT RUIN THE APPEARANCE OF THE CABIN ITSELF AND WOULD LEAVE TOO LIMITED A SPACE FOR COMFORT. ON THE OTHER HAND THE PLEASANTEST PART OF THE BOAT IS THE PILOT HOUSE AND THE FORWARD DECK.

A PORTABLE PARTITION MAY BE SO ARRANGED AS TO DIVIDE THE CABIN IN THE CENTRE MAKING TWO DOUBLE BERTHS ON EACH SIDE. THE FORWARD CABIN IS USED FOR SLEEPING ROOM FOR CREW, ALSO KITCHEN AND DINNING ROOM, BEING PROVIDED WITH STOVE AND NECESSARY COOKING UTENSILS. SHE WAS BUILT IN 1878 BY WOOD BROS. OF THIS CITY AND CAN RUN ABOUT 12 MILES PER HOUR.

THE OUT BOARD EXHAUST IS ARRANGED TO EXHAUST ALONG THE KEEL ON THE BOTTOM, THUS BEING AWAY WITH THE NOISE AND SPRAY THAT IS SUCH AN ANNOYANCE ON BOATS OF THIS CLASS. SHE CAN CARRY WITHOUT TROUBLE 12 PERSONS ON THE UPPER DECK AND 25 PERSONS ON BOARD WITHOUT CROWDING OR INCONVENIENCE.

SHE WOULD COST TO BUILD TO-DAY \$4000 WITHOUT FURNITURE, WHICH IS FIRST CLASS AND COMPLETE AND GOES WITH THE BOAT. THE PRICE IS \$2700.

THE LANCET IS FROM 73 TO 75 FEET OVER ALL, AND 11 FEET BEAM, BEING ABOUT 16 FEET LONGER THAN THE RAWSON. WAS BUILT BY THE SAME PARTIES AND IN THE SAME SUBSTANTIAL MANNER. SHE IS AN EXTREME CLIPPER AND HAS NOT THE FORWARD BEARINGS OF THE RAWSON, BUT IS VERY STAUNCH. SHE IS BY ALL ODDS THE SPEEDIEST AND HANDSOMEST CRAFT IN THESE WATERS. HER ENGINE AND BOILER IS BY CLUTE. SHE IS FINISHED INSIDE IN HARD WOOD. HER AFTER CABIN IS ABOUT 17 FEET IN LENGTH, EXCLUSIVE OF A DOUBLE STAEROOM 7 1-2 FEET SQUARE. HAS A WASH ROOM 5 1-2 BY 7 1-2 FORWARD OF THE STATE-ROOM. HAS A LARGE ENGINE ROOM ABOUT 15 FEET IN LENGTH. JUST FORWARD OF THE ENGINE ROOM IS A KITCHEN 5 1-2 FEET. HAS A DINNING ROOM 10 FT LONG FORWARD OF KITCHEN AND ENGINE ROOM. AN ADDITIONAL DOUBLE STATE-ROOM CAN BE PUT IN AND LEAVE ABOUT 2 1/2 FEET OF CABIN. PRICE OF THE LANCET \$4800.

TO MY MIND THE BEAUTY OF THESE BOATS IS THEIR LYING SO CLOSE TO THE WATER. THEY AFFORD ALL THE DELIGHTS OF RIDING IN A SKI BUT ARE AT THE SAME TIME PERFECTLY SAFE. I DONT BELIEVE EITHER OF THEM CAN BE DUPLICATED FOR ANYTHING LIKE THEIR PRESENT

1883-03-19

PRICE. THE RAWSON IS IN THE HANDS OF AN ADMINISTRATOR AND
MUST BE SOLD. THE LANCET IS NOT PRESSED FOR SALE, BUT THE
OWNER SOMETIMES THINKS HE CANT AFFORD TO RUN HER.
I SHOULD LIKE VERY MUCH TO SEE EITHER OF THESE BOATS FALL
INTO YOUR HANDS, AND WILL BE VERY HAPPY TO GIVE YOU ANY FUR-
THER INFORMATION YOU MAY DESIRE.

I AM, VERY RESPECTFULLY,

YOURS &c.

William Peters

26 1885-03-20
HOFFMAN HOUSE



BROADWAY AND MADISON SQUARE

Mar. 20, 85

New York, Mar 20 1885

Mr. James Dussell
 Dear Sir,

I in reply to yours of
 even date Mr Stokes wishes
 me to say that he will
 see Mr Edison here any
 evening from 8 to 10 oc if
 Mr Edison will let him
 know the day before

Yours Respy
 L. D. Smith
 for Edward S. Stokes

1883-03-22

Meulo Park Nch 22/83

H. T. A. Disson

Dear Sir

~~My dear Sir~~
- my wedding is to be celebrated
April 10 and yes is expected
about the 8th

To insure his
savings I told his father (who
mot of him to that effect on the
19th) that you would pay
his fare and may

Yours Truly

Chas. T. Hughes

P.S.

The last Manila fibre about
which John Ott enquired was
bought of Matt Moss Matt St
near Water New York City

Yours Truly
Chas. T. Hughes

1883-03-24

ROOT & TINKER,

PUBLISHERS OF TRADE JOURNALS, FASHION PLATES, ENGRAVINGS AND SPECIALTIES,

102, NASSAU STREET,

REFERRING TO

1983.

NEW YORK, 3/24 1883

Dear A. Edison Esq.

We agree to carry out
all the propositions made by
Mr. Fonda. The matter is a concern
of Geo. E. Johnson & Son, and
very funny and expensive could
be made of your light, and
we would prefer represent
you rather than another.

Very truly yours

Geo. W. S. Horton

for Root & Tinker

Empires

1883-03-26

E.H. Niles
Sgt. Louis Jr.
7th Mo. 26. 1882

7th Mo 26. 1882

My dear Sir

[illegible]

I thank you for your
 contribution, and hope to receive
 a favorable reply. I remain
 Very truly Yours

Mr. Thos. A. Edison Stephen S. Worcester

+ EASY + ART + INSTRUCTION, + PORTRAITS, + DESIGNS, + MATERIALS, + ETC. +

1883-03-27



+ EUGENE PEARL +
- studio -

123 UNION SQUARE

NEW YORK March 27 1883

Prof Thomas A Edison

Dear Sir

The enclosed specimen of Edison's "Antiphonal Music" (P) was purchased from the publisher through the mails, who represented it as one of Thomas A Edison's "Electrician's latest inventions" being a little in doubt as to the genuineness, of this assertion I take the liberty of asking if you claim the authorship of this rather intelligible system, as early reply will much oblige

Yours Truly
Eugene Pearl

1883-03-30 29

Barber

The Chemical Society of the School of Mines requests the pleasure of your company at a public lecture on

Prof. George B. Barber, M.D.,
of the University of Pennsylvania, upon
"The Storage of Electricity,"

illustrated by lantern slides and electrical apparatus,
Friday Evening, March 30th, at eight o'clock,
Columbia College, Madison Ave. and 11th St

26 1873-04-02.
+ EASY + ART + INSTRUCTION, + PORTRAITS, + DESIGNS, + MATERIALS, + ETC. +



NEW YORK *Apr 27* 1873

Thomas A. Edison Esq
Dear Sir.

With reference to
your favor of 24 Mch. received
say, I have ~~sent~~ ^{sent} letters from
the Edison Works. The price
of music sent ~~you~~ ^{you} with any
inquiry was ~~sent~~ ^{sent} ~~you~~ ^{you} by
a friend who purchased it
through the mails - A Mr
J. C. St John # 337 Broadway
was telling me some weeks
ago of being in the Edison
Co's place in Phila. &
recommending the local notions.
he was shown in some
country maps, prepared
referring to the Wizard of
Wentz Park this wonderful
discovery in music. Some
five weeks ago I called

at 1336 Broadway, as per
enclosed circular, was
sent by the gentleman
in charge Mr. Thomas
A. Edison the Electrician.
Was the inventor - My
letter of inquiry to you
was simply to satisfy
myself and I am glad that
you had nothing to do with
it. The enclosed I clip
from yesterday's Herald
possibly if you are
at 9 or 10, the further information
might be gained.)



Mr. St. John could undoubtedly
give you full particulars.

Thanking you for
kind attention to my -
inquiries I remain

Very Truly
Yours

E. J. S.

1873-04-02.

EDISON'S

IMPROVED

INSTANTANEOUS MUSIC,

FOR THE PIANO AND ORGAN.

By which any child or person can play any of the popular airs by note at sight without study, previous practice, or even musical talent. The company will forfeit \$1,000 if any child or person fails to play any one of our popular tunes on the piano, organ or melodeon within one hour after receiving the music and instructions, provided said child can count, with the figures before it, from 1 to 100 correctly. Our music is not for highly accomplished musicians, but for the millions who know nothing about music, or who have never played a tune. Our self-explanatory sheets of music are triumphs of musical simplicity, brevity and certainty, and create a living interest for music with the delighted thousands who use them. They teach any person to play by note at sight, while the eye follows the illustrations, without even looking at the keys. Our Improved Instantaneous music teaches the regular notes, letters on the key-board and the sharps and flats in one hour.

Seven Pieces of Music, with Instructions.

Mailed to any address on receipt of \$1.00.

Agents wanted in every State and County in the Union.

CATALOGUE OF EDISON'S IMPROVED MUSIC.

Almost Persuaded.
A Violet from Mother's Grave.
Am I a Soldier of the Cross.
Blue Aklaxon Mountain.
Buy-a-Broom-Waltz.
Come Thou Fount of Every Blessing.
Champagne Charley.
Coming Thru the Rye.
Cradle Empty, Baby's Gone.
Come with the Gypsy Bride.
Down on the Swaine River.
Do They Think of Me at Home.
Depths of Mercy.
Farewell My Own.
Full Moon Union.
Golden Slippers.
Grandfather's Clock.
Home, Sweet Home.
In the Sweet Bye and Bye.
I Need Thee Every Hour.
Jesus Lover of My Soul.
Juniata.
Just as I Am.
Killarney.
Luterbach Waltz.
Little Old Log Cabin.
Little Maggie May.
Last Rose of Summer.
Mansionary Chant.

Nearer the Cross.
Ninety and Nine.
No Sir.
Old Hundred.
Over the Garden Wall.
Paddle Your Own Canoe.
Full Down the Blinds.
Rock of Ages.
Robin Adair.
Ring the Bells of Heaven.
Selection from the Chimes of Normandy.
Star Spangled Banner.
Sweet Genevieve.
Spring, Gentle Spring.
Scenes that are Brightest.
Saviour, Whose in Dust To Place.
See How It Sparkles - Waltz.
The Girl I Left Behind Me.
Trump, Trump, Trump.
Take Back the Heart.
There is Rest for the Weary.
The Wearing of the Green.
The Heart Bowed Down.
The Great Physician.
Valse Song (from Olivette).
When the Swallows Homeward Fly.
What Shall the Harvest be?
What A Friend We have in Jesus.

Branch Office
336 BWAY NEW YORK

Read what the Papers say, on the other side.

LEACH & CO., Sole Agents,
No. 203 Fulton Street, Brooklyn, N. Y.

OPINIONS OF THE PRESS.

[From the "Baltimore Mercury," Phila. Pa.]
No excuse now for not having made in the house, as the very young, by the use of Edison's patent is enabled to play music on the piano at sight. This is one of the greatest inventions of the day, yet it commands itself by its simplicity. No foolish elementary inquiries, no extra labor, or education required.

[From the "Sun," Philadelphia.]
One of the most novel, and at the same time, most practical and useful inventions, to which our attention has been directed for some time, is that of Edison's Instantaneous Music for the Piano and Organ. By which, any one, without previous knowledge of music, can play correctly any piece at sight. The beauty of this invention is its simplicity, the idea being the substitution of figures for notes, thus enabling any child that can count correctly to play the most difficult musical compositions with as much artistic correctness as if years had been spent in mastering the mysteries and perplexities of playing by note. The music prepared by the Edison Music Co., for this system contains full instructions, and we have seen children who were perfectly ignorant of music, play the most elaborate pieces by this mode after a few hours practice correctly. So confident is the inventor of the success of his invention, that he has authorized the Edison Co., to offer a reward of \$1000 if any child ten years old, fails to play any one of their popular tunes on the piano, organ or melodeon within ten days after receiving the music and instructions, provided always that said child can count correctly from 1 to 100, and we are perfectly satisfied, from personal observation, that the company runs no risk in making this offer, as it is not probable that there is a child living as dumb as not to comprehend the system of playing almost at sight. Those who have any doubts about the practicability of the invention should visit the Edison Music Co., 209 Chestnut street, where they will certainly receive convincing facts that will forever dispel all such doubts.

[From "The Christian at Work," N. Y.]
MUSIC INSTANTANEOUS—Here is a startling announcement in regard to music. It is nothing more or less than the people who have never taken a lesson in music can at once play on the piano or organ. This is just now all to be strange. We know it is unusual, for we lived with several young persons who knew nothing about music. They began to play at once, and they played correctly. They had no difficulty in doing it. Both they and those who heard it enjoyed it. By the instructions given on Edison's Instantaneous Music for the Piano and Organ, "anybody" that can read, and count, can quickly learn to perform with facility and accuracy. Therefore that "anybody" who can read, and count, should ever fail to learn to play music, will be no more than a failure. Now, there will be no need for any young lady saying on being invited to play, "I don't know how to play." There will be no more music lessons. All she has to do is to sit down

at the piano with "Edison's Instantaneous Music before her, and playing becomes just as easy as reading a newspaper. One dollar sent to the Edison Music Co., 209 Chestnut street, Philadelphia, will bring in return the printed facilities for playing seven tunes, together with the directions for use. We know that we are stimulating the curiosity of our readers in telling them about this, and we are very glad to do so, in so good a cause, for we like to say a good word for anything which is safeguarding a help to music in the home as we know this to be. We should be glad to know that each one of our subscribers had sent a dollar to the Edison Music Co. for this music; and from private knowledge we cannot tell who do so that they will be more than satisfied with the result.

[From the "Herald," Philadelphia, Pa.]
That novelty attracting the attention of both the musical and unmusical world is Edison's new discovery for playing the piano or organ without ever having seen or heard a note of music, or being able to discriminate between a musical instrument and a coal hod. A reporter of "The Herald" who was unable to whistle "Yankee Doodle" correctly yesterday went into the office of the Edison Music Co., and in fifteen minutes came out again an accomplished musician, having received the "Secret Keys and Plan" on the piano with such explicit instructions that the crowd of visitors in the office were obliged to leave, from which no condition they were obliged to themselves again by the astonishing strains of the patriotic hymn "America," winding up with "Devotion," in which the excellent operators involuntarily joined in singing the words accompanying the music.

The means by which the wonderful result was accomplished is like many other of the wizard's inventions, so simple that one is forced to wonder why it was not thought of before. "Take for instance, the music 'America,' which is written for the key of F on the staff. On the lower margin of the sheet on which the figures representing chords are printed there are three marks indicating the keys over which the sheet is to be placed, in the same position that it would be placed on the music stand by a professional performer. Instead of notes being used to indicate the keys that are to be struck, and everything the performer is required to do is to strike the keys directly under the figures printed on the sheet before him. Sometimes it is necessary to repeat a note from two to four times of perhaps others. When this occurs the figures are placed in numerical order directly under each other.

In playing the "America," there are forty-two notes, consequently the figures representing the music number from one up to forty-two, and a child who can distinguish figures can only to repeat the keys directly under the figures in the position which they are printed on the sheet to produce the music of "America." The same is indicated in the same manner as the key. Where a note occurs in the music the fact is indicated by a star placed by the side of the figure.

AGENTS WANTED.

General Bookers, Publishers, 104-106 South Third St., Phila.

1883-04-02.

COOPER, HEWITT & CO.,

47 BURLING SLIP, NEW YORK.

THENTON IRON WORKS,
HINDWOOD IRON WORKS,
PACIFIC IRON WORKS,
DOUGLAS IRON WORKS,

THENTON, N. J.
HEWITT, N. J.
OXFORD, N. J.
HIOGELVILLE, PA.

IRON, COKE, STEEL, IRON,
STEEL AND IRON PILES, IRON, COKE,

IRON, COKE, STEEL, IRON,
STEEL AND IRON PILES, IRON, COKE,

IRON, COKE, STEEL, IRON,
STEEL AND IRON PILES, IRON, COKE,

IRON, COKE, STEEL, IRON,
STEEL AND IRON PILES, IRON, COKE,

ADDRESS: U. Box 1305,

New York, April 2, 1883

Thomas A. Edison, Esq.:

65 Fifth Avenue, City:

Dear Sir:

You will remember, I trust, the conversation we had in regard to the establishment of a school of electricity in the Cooper Institute. You promised to take the matter into consideration, and let me know whether you would do anything towards supplying either the apparatus or the instruction. I recall the matter to your attention now, because a paragraph appears in the newspapers to the effect that if Columbia College does not undertake the duty, you will establish a school yourself. We have a room at the Cooper Institute which is particularly well adapted to the purpose, and the clientele to take advantage of the opportunity. The right kind of young men resort to the Cooper Institute in great numbers, and so far as I know, are not to be found in any other institution. Please let me know whether the suggestion to connect the school with the Cooper Institute strikes you favorably, and if so I shall be glad to perfect the arrangement.

Very truly yours,

Thomas S. Hewitt

New York Hotel

April 6, 1883

Dear Sir, ^{Chingman}

I would like
much to have an inter-
view with you to explain
the patent for electric
light which I obtained
last week in the United
States, Can you by
a note to me at the
New York Hotel let me
know when and where
I could see you

Yours &c

T. L. Chingman

T. A. Edison Esq



Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

1883-04-07
Box 3311, Boston, Mass.

Ernest Bodden, Manager
New England Department.
Herald Building.

Boston, April 7th, 1883.

T. A. Edison, Esq.

Dear Sir:

I take great pleasure in sending you by the present, an invitation from Messrs. F. Shaw & Sons, proprietors of extensive tanneries in various parts of the Country, who have the Edison light in their tannery at Grand Lake Stream, Maine, to visit that place this summer, and enjoy the fishing, in company with Mr. Starkey, Mr. Norman E. Bodden, the writer, and perhaps one or two others.

Probably, at no place in the Country can better sport be had with salmon-trout and land locked salmon than at Grand Lake Stream; and the Messrs Shaw and their partner Mr. Apocum are very nice gentlemen, who will spare no effort to make the excursion enjoyable.

They say June is the best month, but if we cannot get away then, the fishing is good until the middle of August.

Make your plans to get away in June if you



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-04-07
Box 3311, Boston, Mass.

Springer Borden, Manager
New England Proportion
Head Building.

Boston, 2 1883

21
B

Mr.
B.
✓
1883

and let me know if any of the other gentlemen
Johnson, Hastings, Small, or any other can
get off and would like to join the procession.
If we could leave here about the 11th of June,
it will take until the 13th or 14th to get there,
we could have a week of good sport and get
back the latter part of the next week.

I have told the gentlemen you would go,
on the strength of what you said when I
last saw you, it is now only a question
of date.

I had by same mail a copy of "Nature's Arcana".
It was brought in here by the author of the poem
in the "Poets Corner", which I have marked. He
wanted it sent to Mr Edison with compliments of
the author, and the assurance "that if your life
is governed by the sentiments of the poem, you
will be a benefactor of mankind, and "all right",
whatever that means.

Yours truly, Borden.

General Diary
Londond Hotel
City

Dear Sir, Thanking perhaps
for your ^{understanding} ~~that you~~
~~that you might be interested in~~
~~the~~ ~~of the~~ ~~on~~ ~~absolute righting~~
it would afford me great
pleasure to ~~explain~~ ^{show}
^{and your friends}
the working of our my
Central Station System in
downtown and give you
such explanation as you
may desire in connection
therewith.

The evening would be the
best time to visit our works
but I shall be glad to
keep any appointment you
may make

Yours respectfully

26

Apr. 7. 83
To Gen. Diaz

me for a few days to make
such experiments with?

As soon as every thing
is ready to run I will
let you know and would
be very much pleased if
you could come over some
time and see what we
are at.

I know of course that
you don't think much of
storage batteries and I
in certain points I quite
agree with your views
but I think what we
have here is decidedly
better than any thing
you have seen yet in
that line.

Very truly yours
Henry Norton

1893-04-13.

COOPER, HEWITT & CO.,

17 BURLING SLIP, NEW YORK.

TRENTON IRON WORKS,
RINGWOOD IRON WORKS,
PERQUEST IRON WORKS,
DUNELAM IRON WORKS,

TRISTON, N. J.
HEWITT, N. J.
OXFORD, N. J.
RECKLESVILLE, PA.

IRON COIL, PIPE IRON,
STEEL AND IRON RAILS AND AXLES.

ROLLED BEAMS AND GUSSETS,
ANGLES, CHANNEL AND TEE IRON,
BRIDGES AND OTHER IRON STRUCTURES.

BURN IRON AND BRASSERS' IRON,
IRON AND STEEL WIRE,

WIRE RODS, CHAINS, BOLTS,
NUTS, MARTIN STEEL, ETC.

ADDRESS P. O. BOX 1465,

New York, April 13, 1893 3

Thomas A. Edison, Esq.,

65 Fifth Avenue, City.

My dear sir:

The trustees of the Cooper Union will establish a school in practical electrical engineering, without reference to the action of Columbia College or the Stevens Institute. They will esteem it a favor, however, if you will co-operate with them in making the arrangements, and aid them in procuring such apparatus as may be necessary. At some time convenient to yourself I would be very glad to meet you at the building, and examine the premises with reference to the best location of the school. I can meet you either in the morning, at about eleven o'clock, or in the afternoon at any time after four o'clock.

Awaiting your appointment, I am

Sincerely yours,

Alvan S. Hewitt

421883-04-15
 ground glass woks all right. Cracks & jumps
 about the percentage of ~~cracks~~ ^{cracks} and in
 same & slow leak ^{in 50 great} ~~in 50 great~~ ^{in 50 great}
 I shall ^{in 50 great} ~~in 50 great~~ ^{in 50 great}
 6 to 7 ft. air. ^{in 50 great} ~~in 50 great~~ ^{in 50 great}
 My

My dear Mr. Insull

Can you do
 anything for me in the Carbon
 matter? Could you mould
 some of same down, as the
 ordinary "butter" - and 4 or 5 times
 as thick? - Can you send
 me some small cylinder of the
 hard carbon? - Or lacking
 everything else - could you send
 some of the soft Carbon informed -
 - You see I am not informed
 in any asking - but really - I

am aware to little that question
if I can get the means of doing
it. - What do you people think
of the plan of making the camp
with a ground front - so that the
platform might be renewed? -
Some have been made of that kind
- and I don't know whether the
plan would be considered at
all desirable if successful.
I was told in N. Y. that
they were all right - until the
time came for renewal - and
then the camp was generally
broken in removing the
ground play. - It seems to me
this is easily avoided - and
I thought of a front - about
it - on my way back - which
may and doubtless has been
tested - and I will not suggest
it - until I know what if

that difficulty was overcome,
the camp might be successful.
- for I know, as Parker says, that
it is like "teaching your grand-
mother how to suck eggs" - to
make any suggestion of this kind
to Mr. Edison.

Please give my kind regards
to all the good fellows I met
at 66 Fifth Ave and at the
Hillem's Restaurant - from
where I came away tonight
knowing what I had eaten.
Faithfully Yours

T. C. Mendenhall,

2
OHIO STATE UNIVERSITY,

1883-04-15

Columbus, Ohio, 188

1883-04-16

DEPARTMENT OF PHYSICS,

Cornell University,

Ithaca, N. Y., Apr 16, 1883.

A. S. White President etc.

My dear Sir,

Referring to your
question of the morning
I have to say ~~that~~
~~that~~ that anything doing
to illustrate the progress
of Mr. Edison's inventions
which as you know have
been so numerous, and
so very faithful of prac-
tical results, would be
very valuable in our collec-
tion of Physical Apparatus.
Since Mr. Edison's exhibit at
Paris was a great deal that
would be valuable in the lab-
oratory, such as special arrange-
ments for measuring currents
and resistances in electrical light-
ing etc. and if he proposed

to deposit the ~~entire~~ exhibit
at some institution for
the purpose of aiding in
the education of Electrical
Engineers; every effort should
be made to secure it for
Cornell.

We have established a course
of Electrical Engineering, our
Physical Laboratory will be
one of the largest and best
appointed in the country. We
are prepared to give in-
struction in all the general
problems relating to electri-
cal measurements and
construction. Our pro-
vision for instruction in
the collateral branches such
as drawing and mechanics
can hardly be found equaled.
Add to this that the cost of
living to students here is
much less than at any other
large University, and I
think we have made
up a list of advantages
that is sure to bring to us a
large number of students.

1883-04-16

wishing to become electrical
engineers. I sincerely
hope we may secure
Mr. Edison's cooperation
which will enable us
to offer to these young
men, advantages not to
be found elsewhere in
the world.

Very truly yours
Wm. A. Anthony
Prof. of Physics.

answered
Apr. 20, 1883

President's Rooms,

CORNELL UNIVERSITY,

Ithaca, New York, 16 April 1883-

Dear Sir,

You desire to see established a school of Electrical Engineering, and, it is said, are willing to put at the disposal of such school a large collection of electrical instruments.

Allow me to present the following reasons for placing your collection at this institution:

1.- It is almost in the centre of this great State of New York with its five millions of inhabitants, brought within easy communication with every part of them by rail. Four different railroads now enter this town.

2.- The living for students is cheaper here than it can be in any large city. The average expense of a student here is probably not one-third of that in New York City.

3.- The institution draws its students mainly from the substantial class of young men from the farms and smaller towns - young men who have vigor, energy, who see that they must make their own way in the world, in fact, who have those qualities which young men in cities generally do not have.

4.- It has already over four hundred students, a large majority of them devoted to studies connected with science especially in its practical applications.

5.- The institution already has a very extensive plant in the way of machinery, apparatus,

etc.— probably the most extensive in the United States, all things considered— Its library is the best endowed in the country, and is constantly in receipt of all the best foreign scientific books and periodicals—

6.— It has a department of Mechanical Engineering, with a large, well equipped workshop and foundry, established by Hiram Sibley of Rochester at a cost of \$1,000,000.00— It has a water power close at hand, and a turbine wheel of nominal thirty horse power moves machinery, dynamos, etc.— It has also a steam engine, gas engine, &c., for experiments—

7.— It is just completing the largest and, I fully believe, the best equipped Physical and Chemical Laboratory in the United States, in which large place is given to experiments, tests, etc., in electricity— There are already two large dynamos in it driven by power, as well as some smaller ones— Over twenty thousand dollars has already been expended for new apparatus, the Professor and myself having visited the principal laboratories of the old world and made purchases at the establishment of Siemens at Berlin, and others in Paris and London— We also visited the Electrical Exposition at Paris, and, of course, were exceedingly proud of your exhibit there— There, too, were ordered various pieces of apparatus, among other things the Swedish instruments for exhibiting electrical analogies, which you doubtless remember—

8.— In addition to our general machine shops for the training of students we have a small ship in the Laboratory very perfectly fitted, and have secured for it from the

1882-84-16

physical laboratory at Göttingen a very skillful German mechanic for the making and repairing of apparatus.

I may mention that for three or four years past we have been lighting our University grounds and our lecture rooms by electricity, and have arranged to use your light in our physical laboratory.

9.- We are now sending out fifteen thousand copies of our Catalogue, each containing a circular of our Electrical Engineering course, to all parts of the United States, and are now receiving large numbers of enquiries and applications regarding the proposed course.

10.- Our Professors as well as Trustees are very earnestly enlisted in this matter, and have entered into it most heartily. In this institution it is not a matter that is as yet to be discussed with all sorts of ifs and buts. The course is already established; it will go on in any case; that the coöperation which you might give would be of immense value to it and to the interests you desire to promote.

Why, then, should not the Edison Course of Electrical Engineering be established here? It seems to me on every account the best place for it. The distance from New York so far as students are concerned while pursuing their studies, is an advantage. But for men of business it is mere nothing. Leaving either end of the line late in the evening, you reach the other end early the next morning.

Can your purpose be carried out here better than elsewhere? I shall be heartily glad to hear from you on the subject, and to coöperate

with you - You see that a vast deal which has to be created elsewhere before your gift can be made available already exists here - Moreover, there exists here the spirit to make it immediately useful, to bring the matter before the public, to bring it to bear upon the young men of the country who are looking for useful and profitable occupation -

I have no doubt that with your cooperation we can immediately within a year begin graduating well trained electrical engineers. We are constantly receiving letters from graduates of other scientific and engineering schools who wish to come into our course. Is not my proposal sensible, practicable?

I remain, very truly yours,

Andrew D. White

Thomas A. Edison, Esq.
New York

Say that I am committed to Columbia & must give them time to decide but am under the impression that they will do nothing - after that the Stevens Institute desire to establish a course I have several men who were trained at the Stevens & they are the best I have. The Stevens Institute are about starting a night school to learn Engineering but of course this is a difficult matter

one named Lewis & Henry & is practically impossible

the Stevens Institute is a very good school

GEO. WORTHINGTON, Editor.

1883-04-16
THOS. H. DELANO, Publisher.

ELECTRICAL REVIEW

FORMERLY REVIEW OF THE TELEGRAPH & TELEPHONE

23 PARK ROW,
ROOMS 14 & 15.

Address all Communications to
DELANO & COMPANY, Proprietors.
P.O. Box 3328.

New York, April 16, 1883

Friend Cassell,

Replying to yours of 12th inst, I am indeed glad to know that you read the Review and find of interest. I am confident that all people in the electrical field will soon find it necessary to refer to its columns. Unless you specially desire it I need not for the present care to name our Boston correspondent who writes under our de plume of Inspector. You may rely upon it he is on our side and has not told half he knows yet. Kindly arrange our little financial matter with the boy and greatly obliged I am awfully pushed to keep pace with the weekly news. Think it is almost equal to running an electric light in our hands here. *Wilmington*

THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

NEW YORK

1883-04-17
33
Apr 17 - 1883

My Dear Mr. Washington
23 Park Row
Lily

I beg to hand you
the note of \$amp 3.83 for
\$250.00

Yours Truly
Samuel Insull

My Dear Insull
Many thanks
for your estimate of value
I will see you soon
Sincerely
Washington

1883-04-17.

N. P. Keith,

Expert in the Generation and
Applications of Electricity.
Attention given to Patent Cases.

ELECTRICIAN.

237 Broadway
New York, *Apr. 17th 1883.*

*Thos. A. Edison Esq.,
65- 5th Ave. N.Y.*

Dear Sir:

*We are now all ready
to go ahead, actively with the refining of
base-bullion by my electrolytic process.*

*I desire to see you as soon as
possible about making a suitable dy-
-nameo for the purpose.*

*Will you, therefore, be so kind as to
appoint a time and place where I
may meet, or call upon, you for that purpose?*

*I am also now anxiously waiting
for the notes, etc., which you have promised
through Mr. Insell for my book.*

Yours truly,

N. P. Keith.

*Anytime — 10 ~~to 11~~
to 6 pm*

1883-04-17

COOPER, HEWITT & CO.,

17 BURLING SLIP, NEW YORK.

TRUSTON IRON WORKS,
RIDGEWOOD IRON WORKS,
PEQUOT IRON WORKS,
DURHAM IRON WORKS,

TRUSTON, N. J.
HEWITT, N. J.
OXFORD, N. J.
RIDGELEYSVILLE, PA.

IRON ORE, PIG IRON,
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ANGLES, CHANNELS AND TEE IRON,
BRIDGES AND OTHER IRON STRUCTURES.

BAR IRON AND ENGINEERS' IRON,
IRON AND STEEL WIRE,
BRIDGES AND OTHER IRON STRUCTURES.

WIRE ROPE, CHAINS, BOLTS,
NUTS, MANTON STEEL, ETC.

ADDRESS P. O. Box 1465,

New York, April 17, 1883 3

Thomas A. Edison, Esq.,

65 Fifth Avenue, City :

My dear sir:

It so happened that I was out of town on Monday, and could not therefore have kept the appointment which you made for that day; nor was I able to send you any notice. If agreeable to you I will meet you at the Cooper Union building at four o'clock tomorrow, Wednesday. If this will not answer your convenience, please send me word.

Yours truly,

Aram S. Hewitt

Answered
April 23^d 1883

A. Y. STOKES, President.
LEWIS BOOKER, Vice-President.

RICHMOND VIRGINIA WOOLEN MILLS,

OFFICE OF THE

JOHN WATERHOUSE, Manager,
P. H. BASKERVILLE, Secretary.

Richmond Va. 8th March 1883

Mr. Edison,

Dear Sir,

We are about ordering a new engine to run our new mill.
In making and at my suggestion the Company have decided to order the Lawrence.
I told them I did not recommend it on my judgment but on yours - you require
the best and put out three - I was willing to follow you. We intend to have your
light and could require the best uniform speed.

My object in writing to you is that you may confirm or deny a statement made to me
to-night by a machine builder from Norfolk, that the work in the Lawrence is so
badly done that you are obliged to overhaul them and finish them up before you send
them out - that he got in your Park St. plan and got the engineer to show him the
cards and he framed the Porter - All much better than the Lawrence.

Write you kindly - as a sign to him ^{say} whether this statement is true or not, and much
obliged

Yours Respectfully
John Waterhouse

The workmanship in the Armstrong & Sons
engine is perfectly better than any engine
made in the world. We never overhaul or do any thing
to these engines. The Armstrong Card is better
than the Porter. We have 3 ports & 3 engines
at the stations. The Porter goes 8000 revolutions
per minute. No 2 Armstrong
3 days continuous without stopping an inch
in 10 days. It then made a new
hole & the other 15 days 18 hours &

26 1883-04-19.

New York April 19/83
Conning

Dear Mr. Edison

If convenient to
you I will call at No 65
on Saturday 2 p.m. &
go with you to the workshop
on Avenue A. If not
convenient, let me know
please on Friday.

Yours faithfully

Oscar Barnett

ESTABLISHED 1845. 29 1883-04-21

OFFICE OF **OSCAR BARNETT,**
Hardware and Machinery,
GREY IRON FOUNDRIES & MACHINE WORKS,
Hamilton, McWhorter and Bruen Streets.
MALLEABLE IRON WORKS,
N. J. R. R. AVENUE, COR. JOHNSON STREET.
Store 24 & 26 McWhorter Street.
P. O. Box 24.

Newark, N. J. April 21st 1883

Mr Thos Edison

Dr Sir, I have been informed
that you have obtained a patent
for a process to anneal iron to
make it malleable, if such is the
case, and it is practical I would
be pleased to have a copy of your
specifications.

Respectfully Yours
Oscar Barnett

Box 24
Newark N. J. only tried few experiments
which were not successful
before I got your letter
try some more experiments.

20
1883-04-22

Barry

3909 Locust St.

Philadelphia Apr. 20, 1883

My dear Edison:-

On my return from Washington last evening, Mr. Chas. W. Rogers called upon me and, after stating that it had been agreed to consolidate your patents on electric railroads with Mr. Stephen D. Field's, asked me to be one of three experts to determine from the patents and general knowledge of the subject whether the patents named are actually worth commercially by the sum of \$2,000,000 which is proposed to pay for them. I understood him to say that he came to me in consequence

of advice on your part, jointly tomorrow evening at the Fifth Ave.
with Mr. Field, that I should meet Hotel, because I want more
act in this matter. Moreover, he instruction on the subject than I
say, that time is pressing and have received. Be sure to come
that it is extremely desirable to Mr. Rogers asked what would
have the whole matter finished by my fee. I told him I could
up tomorrow (Monday) because I have no idea of the amount of
Mr. Rae leaves for the West (Mr. kind of work required and hence
Hudson and Mr. Rae being the could not fix any fee definitely.
other two efforts). I have agreed that in a recent case in which
therefore, to come over to New York. I had acted similarly, I had
tomorrow afternoon on the three received \$500. I want to ask you
o'clock train, go to the Fifth Ave. whether this is a proper sum to
miss at once and take dinner, not to charge for services involved
and then spend the evening in ing \$2,000.00 of the service is for
the examination of the matter you personally, and asked by
submitted to us. I must leave you as a favor, of course, there
is reason to catch the midnight will be no charge by me. Any
train home. Write to inform you favor I can do you will be very
of what has been done and to cheerfully done any time of course
say that I am quite anxious I think now you understand my
that you should be present to position on both the points involved.

Chy in

300 E 100-

Edison

I shall be over in New York again the last of this week and then I have several matters I desire to discuss with you. Congress has made an appropriation for our electrical unit experiments and I expect to go to Paris in October to attend the Electrical Conference. I shall study the photometric unit and I want to talk to you about an incandescent electrical lamp either of jet idium or carbon, as a standard unit when heated with a given current. I want also to explain to you Langley's remarkable result on the radiant energy of an arc and gas burner in which only 1 per cent of the radiation is utilized as light.

Cordially yours,
George F. Barker.

received
April 25, 1889

Stevens Institute of Technology,

HOBOKEN, NEW JERSEY.

26 1173-04-23

Will try and come over
cannot say exactly when
April 23rd / 89

J. A. Edison Esq.

My dear Sir

The little plant
of storage batteries, lights,
and dynamo as a motor
which I have arranged
here is now in working
order and I would be
glad to show it to you
at any time. But to
find me at home except
before 10 in the morning
or in the evening is
uncertain unless you
let me know by tele-
phone or otherwise. My

Telephone number is 35
Robben.

On Friday the 24th I
expect to have a number
of gentlemen whom you
know to dinner with
me at 7 P. M. and after
dinner we are to look
at the storage batteries &c.

If you could join us
on this festive occasion
it would greatly add
to our pleasure.

Very truly yours
Henry Norton.

26

1883-04-23

Mr

answered
April 24th 1883

New York Apr 23/83
J.A. Edgell Esq.

Dear Mr Herbert
Spencer was in Montreal
last September he had his
photograph taken at Martindale
Studio. As I understand
that you are interested in his
philosophy, may accept
the portrait herewith with
my compliments. I had the
honor of being introduced to
you in Montreal three weeks
ago.

With high regard
Respectfully Yours
George Her

4 East 86 W 1883-04-23
Monday Apr 23/83

Dear Mr Edgell

I fear I may not
be able to go to New York
by 1. p. train
will you let it go until
tomorrow or Wednesday or
perhaps Friday

Yours sincerely
John W. Edgell

1883-04-24

The Edison Electric Light System,

Canada Life Chambers,

THOMAS SWINYARD.

Hamilton, Ontario, 24th April 1883.

Ans

Dear Sir, I have not yet received the Cabinet
photographs which you informed me you had
sent. As it is possible you gave them to some
person else to send and ~~the~~ ^{has} forgotten, all about
them, I send you this reminder. Please make
enquiries as every person who comes into the office
wishes to know what Mr Edison looks like. -

Yours truly,
H. Lawson

Samuel Insull Esq
New York

THE WESTERN UNION TELEGRAPH COMPANY.

THIS COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Service can be guaranteed against only by repeating a message back to the sending station for confirmation, and the company will not be held liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
330	GBN	32 pa 2x	1170

Received at **791 BROADWAY.** *April 22 1889*

Dated Albany ny 24
To J.A. Edison 5 Am
Can I see you on arrival of two
forty five train from here say at seven thirty tonight
if so when please answer here or at union
square hotel ny

J.B. Poolittle

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE. *Albion House*

answered
April 25 1883

1883-04-24
314 LIVINGSTON STREET,

BROOKLYN, N. Y., April 24th 1883

MR. Thos. A. Edison

Dear Sir,

I am requested by
Mr. Abram Hewitt to call upon you in
reference to the organization of the new department
of electrical engineering in the Cooper Union and
I am advised that my visit will not be unprofitable
to you. I am suggesting when and
where the call would least inconvenience
you with greater oblige

Yours sincerely
W. G. Hall

Call Friday pm -

29
1883-04-25
4 East 86th St
Manhattan
April 25 '83

Dear Mr. Edwards

I am not able
to call today, but if con-
venient to yourself will
do so on Thursday about
1.30 or 2 p.m.

Yours faithfully

Wm. Conway

1883.04-25

THE ABLEINGTON



RATES:
\$2.00 & 2.50 per day
Special Contracts made

J. G. MINTYRE,
PROPRIETOR

Lincoln, Neb. 28th April 1883

Dear Edison

You can not say, that (Edison) out
of sight - out of mind, because there
is actually not a day that I do
not speak or brag about you
twenty times, but being on the
road continually, playing you,
till the 8th of July (next) day,
I mean evenings, and knowing
how you are bored and bored by
thousands, I do really do not wish
to bore you also knowing only
too well, that you feel all
ways the great love and

administration I have for you —
How many times I read about you since
I left you, I don't know, but there
was not a day, that I did not greet
you somehow or other from near
and far, and from the very depths
of my soul — You know, what
a friend of you I am! — This
morning I read the following
extract from a Denver paper
(here in Lincoln Nebraska!)
and I could not resist the tempta-
tion of cutting it out, and sending
it to you, not as an extraordinary
thing — only to show you, what you
know only too well, ~~how~~ how you
genial — delightful, light spreads
— I never in my life was more
delighted, then in Chicago, when
seated at the banquet table
given to General Diaz and
saw your delightful, smooth,
intelligent (!) genial, fiery
— good — even (not) — face, but

1883-04-25



RATES:
\$2.00 & 2.50 per day
Special Contracts made

J. G. MINTYRE,
PROPRIETOR.

2.) Lincoln, Neb. 1888
 light at the Palmer House
 and it spreads—spread
 and spread ^{everywhere} (and your
 genius spread too) and my
 fiddle goes from place
 to place, and from town
 to town I—old fiddler
 I brag, that I am
 your faithful and
 affectionate friend
 and ^{your} Court musician
 W. Palmer

My very affectionate
regards to the Venus
of Milo - your
Wife - and to
my darling little
Fairy -

Am again - next July,
if you have one half a
minute to spare - which I
doubt - waste on a scrap of paper
my dear Reming, my good etc
fills bonjours and address it
c/o H. L. Clayton - Central
Music Hall Chicago Ills
- it will always reach me

1853-04-25

THE ARRLINGTON

RATES:
\$2 W & 25 per day
Special Contracts made



J. G. MINTYRE,
Proprietor.

Lincoln, Neb. _____ 188-
P. S.

of course I never sent you
the call ^{in six month time} (you sent me
last Sept — first because I
forgot it — second because I ^{at 6 months} ^{time} ^{in N.Y.}
it was better & I will have it
if it was not — I will have
it not — That's all.

26

April 25, 1913

Ed. Cunningham

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd

1300 3rd



Burrell & Whitman,
Little Falls, N.Y.

1883-04-27

Apr. 27th. 1883.

Mr. Thos. A. Edison,

65 Fifth Avenue, N. Y.,

Dear Sir:-

I have been anxiously waiting to obtain some news from you with reference to the separation of Cream from milk. Will you kindly write when you have a moment's time, what progress you have been making? Centrifugal Machines have been sufficiently improved so that by the use of 10 H. P. Engines, the cream from 2,000 lbs. of milk can be separated each hour, but this is expensive, and we earnestly hope that some simple plan can be devised by which the cream from 5,000 to 10,000 lbs. of milk can be separated in a few moments. Awaiting your reply, we remain,

Yours truly,

J. H. Burrell

*My machine will
be working on
the 1st*

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

Copy

26 1883-04-30

NEW YORK April 30 1883

Chas. A. Talbot Talbot
Trust Bond Ind. Co.

This is to certify that
I have settled with Mr. J. St. Mearns
for all claims which I have
against the Bond Electric Signal
Co for stock fifty (50) shares
being due me.

Placer issues the same
in two (2) certificates of twenty
five shares each

Yours truly
Signed T. A. Edison

3.15.18m
My dear Inell

Please have Mr Edison
sign a letter to C. W. Walcott
Pres. Acad. Sci. Reg. Co. to the
effect that all ^{his} claims against
said Co. will be satisfied by
the issuing of 50 Shares of
said Stock to him. & request
it to be made in 2 Certificates
of 25 Shares each. then
Edison can transfer one of them
to me. please send this letter
enclosed to me at once as I
cannot close matters with
them until I can show it
now don't fail like a good
fellow & oblige
Wm. C. McGee

Address me
To Simon Lil. Co.
Room 40 Lough Court

33

Apr. 30. 53

Mr. McKingie

My dear Mr. McKingie
I have the honor to acknowledge the receipt of your letter of the 24th inst. in relation to the matter of the
S. S. McKingie & Co. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.
Very respectfully,
J. M. McKingie

THE WINDSOR HOTEL
FIFTH AVENUE, NEW YORK
HAWK & WETTERBEE

64-1883-04-00

Apr- 03

Dear

Thos. Edison Esq.

Dear Sir,

The bearer will deliver
to you the postcard you desired me
to send to you.

Mr. Hammett will call on
you to close the business on hand.

Yours truly,

Sanjiv D. Singh

1883-05-01



THE KITCHEN BROS.

Omaha, Neb. May 1, 1883

Dear Edison

Enclosed I send you
ship I cut out of from
"Omaha Bee" - I see what
the Louisville Courier says
abt you -

I have written today
to the Compy - leave in a
couple of days for Salt
Lake City -

In haste

Yours truly

J. D. Murphy

Read my letter to Compy -
Send me those

9

10

May 1883

Statements you said you
were going to get made
up and printed - Are there
no statements for Isolated
Plants? If so how come
out come?

Wm

GEO. WORTHINGTON, Editor.

1883-05-04

THOS. H. DELAND, Publisher.



Address all Communications to
DELAND & COMPANY, Proprietors,
R.O. Box 3329.

23 PARK ROW,
ROOMS 14 & 15.

New York May 4th 1883.

Friend Ingersoll

If not asking too much
would like copy of the letter
from Mr Johnson of which
we were speaking on Sunday
last. I cannot find copy
of my London Electrician in which
it appeared - sorry to trouble you.
Hope you are well -
Respy Mue.

Wardington
I saw London Times

Apr 7th 83

Ingersoll

D
1883
Patents

Amherst, Massachusetts.
Send copy your patent
5th May, 1883

To
Thomas A. Edison
Wool's Park, New Jersey
Dear Sir,

We write for the
purpose of making some propositions
which it is hoped will be considered
and acted upon as soon as possible.
United States Letters Patent have been
allowed to Mr. John A. Enos of Boston
Mass. for an Electric Apparatus inten-
ded to Indicate and Annunciate
the Vote's given in any Legislative
body.
Letters Patent were also granted to
yourself some years since for the

same purpose.

What we desire is— First, to strengthen our own patent by the addition of your own.

Second, to secure if possible, your own good will, and also the benefit of your long and successful experience in the construction of novel and original Machinery.

We would like to purchase your patent and in payment for it, offer you some of our own stock in the Machine herein mentioned.

It is our intention to send Agents and a working Model of Excellent design to Washington this coming winter. The Model shall be upon exhibition in the U.S. Capitol and an Appropriation asked

for sufficient to build a machine
large enough for use in the House
of Representatives.

At your request, we shall send you
copies of our patents, or any de-
tailed information concerning
this business, and also references
as regards our business standing.

Please answer as soon as convenient
and greatly oblige.

Respectfully Yours,
Frank W. Stanley,
Frank E. Hornum
John Augustus Egan
for J. A. Egan

Office of WOERTHOFF & CO.

No. 54 Exchange Place

New York

P. O. Box 3105.

1883

My dear Sir,

I have just
ret'd from Col. Rutah.
a couple of German
Engin'ers are here who
want a letter of introduction
to you to be shown around.

When & where shall I
send them to you.

I see you have made
an arrangement with
Yield, notwithstanding
assurances once it would
not be done.

All promises seem to fail
me somewhat.

I don't hear of my name
being among new incor-
porators.

When is Edw. Expecter home?

Hope you & yours are all
well.

Telephone no.
1111

Yours truly
J. H. Hoff

1883-05-09

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been accepted by the sender of the following message.
or delivery of a message, or delivery of a message, but no fee being paid for transmission, and the Company will not be liable for any delay in transmission.
The latest UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

RECEIVED	SENT BY	RECEIVED BY	CHECK
165	C. J. Porter	10 PM	1140

Received at 791 BROADWAY.

May 9 1882

Dated 19th Bway May 9

To J. A. Edison

65-5 AM

Shall be away Friday forenoon
otherwise Can meet any appointment
C. J. Porter

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

26
May 9, 1880
To the
Hon. Secy of the
Interior
Washington
D.C.

Very
Respectfully
Yours

Wm. H. Murray
U.S. Marshal
District of Columbia

1883-05-10

D. J. MACKEY,

D. F. HUSTON,



SAINT GEORGE HOTEL,

MACKEY & HUSTON, Proprietors.

Passenger and Baggage Elevators.

Evansville, Ind., May 10th 1883

Thomas A. Edison Esq
My dear Sir

Pardon me for reminding
you of your promise that I should
have your photo, and autographs.

In part payment, I herewith
send a picture which may
recall, perhaps, the looks of
that little chap who ran away
from Engels School 29 years ago.

Perhaps, I may have nothing
else to leave this boy, but this
evidence of your friendship.
And on personal grounds
I shall value it. With
respect

Sincerely Yours
Wm. Brewster

1893-25-10
20.

DEPARTMENT OF PHYSICS,

Cornell University.

Anthony

Ithaca, N. Y. May 10 1885

Dear Sir,
President White
has shown me your letter
to him regarding the
School of Electrical Engin-
eering. Please excuse
a few words from me
regarding the last clause
of your letter, that at
both places (Columbia
and Stevens Inst.) the
building is devoted to
much theoretical work.
I know fully in the advance
of theoretical knowledge
and I do not believe
that the thing of electricity
is better developed
than elsewhere.

But I believe that
theory is useless un-
less we taught that
its applications are
fully understood.

To show you that the
teaching here does
lead to practical re-
sults, I would say that
one of the students a
short time ago construct-
ed from his own design
with but little help from
me a dynamo about

14x7 inches base and
5 or 6 inches high. It
will run 3 of your
"B" lamps very nicely.

He also constructed a
miniature arc lamp
to run by it which work-
ed, but not so success-
fully as the machine.

Two students are now

constructing ¹⁸⁸³⁻⁰⁵⁻¹⁰ small
dynamoes, having made
computations as to size
and quantity of wire
to reach a certain re-
sult.

In '74 before any but
general descriptions
of the Oppermann machine
had reached this coun-
try I designed and con-
structed at the Universi-
ty workshop, a dynamo
on the Oppermann prin-
ciple. The first ~~of this~~
kind ever constructed
was seen in this coun-
try as I believe. It is still
in use and doing most
excellent work. It lights
the campus night, like
shown above. It makes
all the oxygen and hy-
drogen gases used for
the lanterns in the dif-
ferent departments.

of the University, making
about 24 gallons of
hydrogen per hour. It
runs 24% of your A
lamps in my lecture
room, and will run
lower than usual if
needed. Repeated
tests of its efficiency
show that it is about
85%. I write all
this to show that they
have secure practical
results and not merely
generalities which the
students cannot apply
very satisfactorily.

Our School of Elec-
trical Engineering is
a great fact. We have
expended in the last
two years about twenty
thousand dollars in
physical apparatus
and, because of my

interest in it, 1883-85-10
perhaps as well as the
most important of that
branch of Physics. Our
visit to apparatus has
taken the lions share.
We shall be our best
educational electrical
engineers who shall
know how to apply
theory to practice.

I think we should
be able to do more
and better work
with your coopera-
tion and if you
should find yourself
free to consider us
at all, will you not
come up here and see
what we have and what
we can do.

President White says

if you will come up
he will put himself
entirely at your
service and afford
you every facility
for judging for your-
self of our resources
and prospects.

You can leave New York
by Lehigh Valley road
in the evening and
take a sleeper direct
to Ithaca, reaching
here in the morning.
Returning you can take
a sleeper here at 8-35
and reach ~~New York~~ New York
in the morning. I hope
you may find time
to come.

Very truly yours
Wm. A. Anthony.

1883-05-11

H. S. Keith,

Expert in the Generation and
Applications of Electricity
Attention given to Patent Cases.

ELECTRICIAN.

237 Broadway,
New York, May 11th 1883.

My dear Mr. Edison,

I have just returned from
Cleveland and Chicago.

Been taking testimony in storage
battery interference Keith vs. Brush.

I have not yet received the
estimate for the dynamo for the Electro-
Metal Refining Co.

Please give this matter the
earliest possible attention. The company
is pushing me for it.

I will endeavor to see you in
a very few days in relation to the engraving
for the book.

Don't delay answer about the
dynamo on this latter account though.

Yours, truly,

H. S. Keith.

Have Saldan send the
blue print to me {

1883-05-11

Office of WOERISHOFFER & CO.,

No. 54 Exchange Place,

New York,

P. O. Box 3105.

May 11 1883

My dear Edison

This will introduce
to you Mess Hermann Ziegler and
Ludwig Schiele of
Germany, both Engineers, who desire
to meet you & to show what use
may be of interest in present
status of your electrical
matters.

They are friends of our Mr
Sommerhoff.

It commends them to your
courtesy.

Yours truly

Paul G. Hoff

To Mr Edison Esq.

as it is an

my city

Introducing

Mess Hermann Ziegler

& Ludwig Schiele

Mason & Hamlin Organ & Piano Co.

OFFICE OF THE MANUFACTORY,

182 Broadway, Cambridgeport, Mass.

May 18th 1883

Thos. A. Edison, Esq.

Menlo Park, N.J.

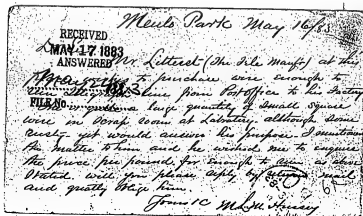
Dear Sir,

We are investigating the merits of Steam Boilers, and note you are given as reference by the Federal & Wilson Co. Where their Boilers prove satisfactory to you, and fully up to guarantee of the "Tipton". Are they easily kept clean, and what is the consumption of fuel per H.P. Engine per hour? Also regarding Dry Steam, and if you find the capacity of the Steam done sufficient under all circumstances? Do they require expensive repairs, and does the Tipton look about them require repairs or rebuilding of sections steam and with Boilers in general? Please inform us of any other points of interest, and if your experience is such you can fully recommend us to adopt these Boilers.

By granting our request you will greatly oblige

Yours truly,
Mason & Hamlin O & P Co.

[TO SAMUEL INSULL]



67883-25-20
D Remington

Jan - Clair (Lafayette)
20 Jan 1898 I will go
Dear Ellen
No answer from you to my love letter,
therefore I suppose you are dead.
~~sorry for your death~~ I have a few friends
and I intended from the purpose of
resuscitating you a dynamo
electro-dinamico pugnation
machine of such power, that it
will not only resuscitate you from
your death like winter's thawing,
but will make you walk on your feet
a whole cemetery. Puck wrote
me a letter and among other matters,
he wrote that he was obliged to defend
you before a scientific (?) society
for the attack of your being not
a scientist, and he did it splendidly
and those were his words "certainly she
(Garrison) is not of that pattern of scientists
who write 12 volumes to prove some
thing - and write again 12 others."

volumes to correct the incorrectness
of the 12 first volumes — No —
Edison of that kind he is only
at the tip of science of the
19th century — with being subdued
with practical ideas — and on
the way in this style —
only for him

1. Bullet for you in your
stomach — you don't
write immediately at rest

Prisoner — Love to your wife and
children — you love
your family — effect on the
wife

W. J. McHenry
W. J. McHenry
Central Music Hall
Chicago
Jell

1883-05-27

CHARLES W. ROGERS.
NEW YORK.

Answer

Mills Building,
May 21st, 1883.

✓ Thos. A. Edison, Esq.,
65 Fifth Avenue, City.

Dear Sir:

I beg to acknowledge the receipt of your favor of the 19th, enclosing letters from C. B. Norton, Secty., dated May 15th, and Thomas Clifford, dated May the 14th, which shall have my attention.

Most truly yours,

C. W. Rogers
C.W.R.

39

May 22, 1883

Geo. M. Hopkins
wants 10 light
dynamo for friend

OFFICE OF THE

Scientific American

1883-C5-22

RECEIVED

MAY 23 1883

RECEIVED

MUNN & CO., Editors of **FILE** No. 1012

No. 261 Broadway.

O. D. MUNN
A. E. BEACH

New York, May 22, 1883

J. A. Edison Esq

My dear Sir:

I desire to
obtain for a particular
firm a manufacturing
of telescopes and micros-
scopes, one of your small
dynamos for 10 light
also lamps to be used
in connection with the
machine

Can you arrange

1883-C5-22

it so that the expense
will not be too great?

Yours truly

Geo M Hopkins

We are getting up a 25- light
having abandoned the 15-
light as too expensive, Will
give you price soon -

{

1883-05-22

S. Insull Esq.

5/22/83

Before Mr. Edison's house
is closed I should have what
books of mine can be found there
Faraday's Experimental Researches 3 Vols.
I have seen there. —

Richards Steam Indicator by Porter
The Steam Engine — Caterill —
Text book of the Steam Engine — Gordon.
C. L. Clark

P. O. BOX 1184.

Providence Telephone Co.

(LICENSED BY THE AMERICAN BELL TELEPHONE CO.)

HENRY HOWARD, Pres't.
H. C. CRANSTON, Vice-Pres't.
CHARLES T. HOWARD, Sec'y and Treas.
J. W. DUNBURY, Sup't.

ROOMS 24 AND 27 BUTLER EXCHANGE,

RECEIVED
MAY 23 1883
ANSWERED

FILE NO. 1033

Providence, R. I., MAY 22 1883

DEAR MR. EDISON:-

IN CONSEQUENCE OF A CONVERSATION WHICH I HAVE JUST HAD WITH A FRIEND OF MINE WHO IS BUILDING A SEA-SIDE RESIDENCE, I AM DESIROUS OF OBTAINING YOUR VIEWS ON THE SUBJECT OF LIGHTNING RODS. I AM VERY RELUCTANT TO BORE YOU, BUT AT THE SAME TIME WOULD LIKE TO OBTAIN AN EXPOSITION UPON THE FOLLOWING QUESTIONS: FIRST, - IS THE PRINCIPLE OF PROTECTION FROM LIGHTNING BY MEANS OF RODS WELL GROUNDED SCIENTIFICALLY. SECONDLY, - CAN THE PRESENT METHODS BE IMPROVED UPON WITHIN THE LIMITS OF A REASONABLE EXPENDITURE. IF YOU CAN TAKE A LEISURE MOMENT TO REPLY, I WILL BE VERY MUCH OBLIGED.

I MET MAJOR EATON ON THE STREET LAST WEEK, AND HE CASUALLY MENTIONED A TELEPHONE INVENTED BY SOME ONE WHOSE NAME HE FORGOT, BUT SAID YOU ALL IN YOUR OFFICE SPOKE OF HIM AS "MAT", - A RECENT INVENTION AS I UNDERSTOOD, BY WHICH ONE OPERATOR COULD PUT ANY SUBSCRIBER IN INSTANTANEOUS CONNECTION WITH ANY MEMBER OF THE EXCHANGE. WILL YOU BE KIND ENOUGH TO GIVE ME THE NAME OF THE INVENTOR, SO THAT WE CAN LOOK IT UP.

VERY TRULY YOURS,

Mackenzie = Mr Inall
knows all about it = *Henry Howard*
Ordinary lightning rod is good thing provided
always that the same make perfect contact
with the Earth - your telephone man will tell you
what this means - E.

F. H. DAWES, Sec'y

1883-03-27
JULIUS STAPFF, Pres't.

THE GERMANIA INSURANCE COMPANY,

NEWARK, N. J.

Agency at Marble Park Mar 27th 1883

Dear Sir,

Dear Sir,

Mr. Van Clee informed me that the Old Lamp Factory was for sale. I was thinking that perhaps it could be taken down & part enough lumber could be got out of it to make a house for myself. Most of the glass is broken & taken away & it is also fast going to destruction. I thought if could get it cheap it might pay to take it down. I am anxious to get a little house of my own.

I am expecting a little money soon and should be arrange for it. I would like to have some time on it but will see that M.E. gets every dollar I agree to pay, if we can make a trade on what little money I have now would be required in taking it down & rebuilding. please reply & oblige

Yours Truly

M. M. Hursey

1883-05-28

Ans. June 5

Rockford Ind. May 28-1883

Mr. T. H. Edison:
Menlo Park.

Dear Sir:

Noticing in the "Mechanics" that you were about to establish a school of "Electrical Engineering" I write you to learn when it will be open. Since my graduation at Andover in '73 I have been giving instruction in electricity together with mathematics and natural philosophy. I wish to leave the school room to devote my time to electrical engineering. I am a practical machinist. What I most desire to learn is whether Electrical Engineering will pay an enthusiastic worker better than a \$1200 Superintendency. I can give the best of references as to any qualifications concerning which you may wish to inquire.

Should you write favorably I will take a course of instructions under your commissioning whenever your school opens.

I hope you will not consider this letter an impertinence but will condescend to answer it. Please answer soon as the School Board here wishes me to accept of the Superintendency for the coming year.

Yours very respectfully
A. H. Kennedy

P.S. Herewith I send you a circular describing one of my inventions which a company is manufacturing on royalty.

Not going to do but
if I can get a
College Calendar
of H. Kennedy
if possible about Oct
27

May 28 1893

²⁸
May 28. 1883
A. H. Gallatin

enclose circular
relative site of pro-
posed Elect. School

Mr. Edison.

1883-05-28

University of the City of New-York.
Washington Square, N.Y.

28th May, 1883-

To Mr. Edison,

Dear Sir:-

Your attention is called to the
marked passage in the enclosed
circular.

We hope that you will
favourably consider the claims of our
University to be the site of your
proposed School of Electrical Engineering.

Very Respectfully Yours,
Albert Horatio Gallatin,
Prof. of Analytical Chemistry.

1883-05-30

To.....

Sheet No.....

Date.....

Subject,.....

RECEIVED

MAY 31 1883

ANSWERED

JUN 1 1883

FILE NO.....

No. 443 North 12th St -
Philadelphia May 30th 1883 -

Charles Edison Esq.
No. 65 Chestnut St.
New York City -

My Dear Sir - Your favor recd and
note what you say. We are in position to make
any composition desired by the amalgamation of
lead in any quantity up to 25% of the mixture
this being thoroughly amalgamated and fused. We
have been told it will resist magnetic action &
this is why I wrote as I did in my last. It
can be used as a composition to an advantage. I
should be pleased to hear from you.

Very Truly Yours

J. E. Hudnicketon

Magneton ~~will gain the~~
will not be affected by it in
the least -

1883-06701
June 1st 83
9:20 A.M.

Mr. Edison:

Here's a "pusher"
about that machine.
I'm not going to let
you complain again
on that score.

You have my sympathy
in your affliction in the
"detenting" (bad!) operation

Yours,

N. S. Keith

RECEIVED
JUN 1 1883
ANSWERED

June 1 1883
FILE No.

Burgman got
the drawings yesterday
will bid for day w 2
E

[INCOMPLETE]

house we have taken,
EAST THIRTY THIRD STREET
something which I had
not before felt I could
buy. It is too late
to countermand my or-
der which I should
not have felt jus-
tified in giving had
you not told me that
the price was over

1883-06-02

[INCOMPLETE]

if you chief think about
the horse, so that
I had not created in
your changing your
mind. I should be
sorry to inconvenience
you, however, and if
you are sure that
Mr. Editor does not
even want to live a

pinch, if you will
let me know before
Monday afternoon I
will consider leaving
the old one with you.
I have made this
rather lengthy explana-
tion, so that you may
see just how I am
placed in regard to

[INCOMPLETE]

the matter, ²⁴⁶² and to let
you know if you can
make any other ar-
rangement that you
will greatly oblige.

Yours truly
Pauline Ryan

Saturday, 1st June



Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

1883-06-04
Box 3311, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Boston, June 4th, 1883.

RECEIVED
JUN 5 1883
ANSWERED

J. A. Edison, Esq.

Dear Sir,

.....183...
FILE NO.

Mr Shaw, of F. Shaw & Bro., who invited you to go to Grand Lake Steam on a fishing excursion, has been in to say that the trout are now biting well, there are no flies, and this is the best time of all to go. He also says his Automatic regulator, re-
fused to work, and I write to see if you do not want to combine business and pleasure by starting from here next Monday, the 11th, for a few days in the Maine woods. If you can get away I am sure you would have a trip that would do you a lot of good.

Have a minute to spare -
E

Yours very truly
Spencer Borden.

1883-06-04
J. A. Edison

1883-06-05

AMERICAN EXCHANGE IN EUROPE,

(LIMITED.)

162 Broadway
New York

SOLE AGENTS FOR THE UNITED STATES

449 Strand
LONDON



COMMISSION & FORWARDING DEPARTMENT

162 BROADWAY.

JUN 6 1883
ANSWERED

HARRY F. GIBB
General Manager

New York, June 5

FILE NO. 1883

Dear Sir,
Your esteemed favor of inst. 4
is with us, & to the query therein
contained, we beg to hand you
the enclosed letter from our client
which will best answer same.
We would suggest, if agreeable to
your good self, that the reply be
sent direct to Mr. Sampson as the
letter names, & would request that
the enclosed letter, after perusal
be returned to us.

With best interest, we are

Yours truly,

L. Thos. A. Edison,
to 65 Fifth Ave.
N.Y.C.

AMERICAN EXCHANGE IN EUROPE, LIMITED
Commission & Forwarding Department

J. M. Paul.

1883-06-06

Subject:.....

Amos Starr,
President.
John M. Clark,
Vice-President and Treas.
D. H. Leachman,
Secretary.
Geo. H. Bliss,
Gen'l Mgr.
P. D. Joranson,
Engineer.

WESTERN EDISON LIGHT CO.

21 & 53 WABASH AVE.

DIRECTORS:
Thomas A. Edison,
Amos Starr,
John M. Clark,
J. W. Doane,
Edward Merrill,
Herman Williams,
Elias Kahn,
John M. Clark,
John Cullen,
Anthony F. Steinhilber,
Z. G. Simons.



Chicago, June 6 1883

J. A. Edison Esq.

Dear Sir:

Mr. P. H. Denoyer Esq

The enclosed card at our Ex-
hibition Exhibit.

We hope you will
remember him as an old tel-
egrapher.

Sincerely

Geo. H. Bliss

GEO. WORTHINGTON, Editor.

1623-66-07
THOS. H. DELANO, Publisher.

ELECTRICAL REVIEW.

FORWARDED BY THE TELEGRAPH & TELEPHONE

28 PARK ROW,
ROOMS 14 & 15.

Address all Communications to
DELANO & COMPANY, Proprietors,
P.O. Box 5329.

New York 9/9 1883

Friend Insall,

Taking the liberty
and pleasure of introducing
to you and the Prof. Mr. Stein
who is one of the best electricians
now in the Western Union
service beg to say that I
think it is too bad that
his energy, time & talent should
be wasted in such the sense
of such a Cyprian Monopoly
and would be very much
gratified if you would
use your potent influence
to the end that he may
soon be in the electric light
field - Can you not?

Very truly
yours
Wm. H. Delano

I have received your favor
 just and will call upon
 you on my return to Chicago
 Yours
 O. E. Edwards
 215 W. Madison St.
 Chicago June 15 '83.
 Please to leave
 check with at 100
 in

883-06-75
 OFFICE OF
THE MENTO PARK
 Manufacturing Company
 101 MILL ST.
 BOSTON
 New York June 15th 1883
 Thomas A. Edison Esq.
 Dear Sir
 Has anything been
 heard from the application for
 a Patent for "Edison's Polyform"
 Any information will oblige
 Yours truly
 Mento Park Mfg. Co.
 W. B. Burd Manager
 #101 Mill St Boston
 Patent of's still object
 to the strong claim we
 make ~~we will~~
 work for less broad claim
 E. J.

1883-06-18

June 10th.

3

T. M. Toall, Esq.

4 Union Street,

Syracuse, N. Y.

Dear Sir:-

I am in receipt of your favor of the 15th. inst., and
in reply beg to state that we can furnish heating spirals for
heating any kind of liquid in beaker glasses. Outside heating can
be done by kerosene stoves.

Yours truly,



THE EDISON ELECTRIC LIGHT CO.
35 FIFTH AVENUE.

W. H. TEAL, Gen'l Agent
4 Union St., Syracuse, N. Y.

June 15th 1883

T. A. Edison Esq

65 Fifth Ave. N. Y.

Dear Sir:

I was unable to see Mangus of Solway Process Co. until today. he says in regard to heating that it is general laboratory work that they will use "Beakers glasses" from 2" to 6" in diameter "sand-bath." The Chemist has not yet arrived from England is expected latter part of next week. Mangus says he believes you will understand what is wanted, thinks the mode you represented might do, still there may be some outside heating.

We can furnish heating spirals
for heating any kind of liquid in beaker
outside heating can be done by Kerosene
stoves - Edison

Respectfully &c

T. H. Teal agt.

1883-06-22

Editor's Office of The Sun, .

New York, June 22, 1883.

Dear Tom:

all right. I'll do
what I can, and as soon as
possible. If you were an Irish-
man, however, God would have
been good to you. Truly

Amos Cummings

GEO. WORTHINGTON, Editor.

THOS. H. DELANO, Publisher.

1883-06-25



Address all Communications to
DELANO & COMPANY, Proprietors,
R.O. Box 3329.

23 N. ARCADE BLDG.
ROOMS 14 & 15

New York 6/25 1883

My dear Asaull,

Thanks for
the very interesting letter from
Australasia - We shall publish
it with great pleasure
We are always glad
to get hold of such
interesting matters.

Yours

Washington

OFFICE AMERICAN SPRING CAR MOTOR CO.
235 DOCK STREET

Phila., Pa.

July 26 1883

Dear Sir:

meeting

9 o'clock.

E. GOVE, Sec'y

I send you two bills of the
sale of my House - Will you
be kind enough to have them
put up in your laboratory
Yours
E. Gove

26

June 26"/83
Genl. F. Barleer

N. F. A. S. giving
collection to
Stevens Institute

1883-06-26

I made no firm promises
to any except Columbus
since none have come forward
I won't give it to any of them
und. his. Stevens, 3909 Locust St.
Philadelphia June 26 '83

My dear Edison:

A gentleman told
me today that you had said
to him that if Columbia College
did not take your Paris collec-
tion you would give it to the
Stevens Institute Hoboken. Ex-
pressed some surprise at this
statement which I could hardly
bring myself to believe. But he
reiterated the statement and
said that you had not only
told him so personally but had
written it to him in a letter; so
that he could not be mistaken.

You will understand naturally
my astonishment that of all
other institutions in the country,

the Stevens Institute should be
the recipient of your museum.
I write therefore to ascertain
what the fact is as you under-
stand it with reference to this
matter.

Cordially yours
George F. Barker.

little and
I will be glad to
serve you
my dear Sir

(over)
J. J. Jewell, M. D.
19 East Marine Street, Chicago.

1883-06-27
June 27/83

I am called rather sud-
denly away from New York, without
seeing you personally for a few min-
utes, as I had hoped to do. Professor
Sprague showed me every courtesy
when I called. But I shall return
again, & when I do, I hope to see
you, a little farther, about certain
matters of no small importance, in
Electrotherapeutics, and in which
matters, you have devised certain
mechanisms for a different pur-
pose truly, but they may be made
highly useful, in my judgment,
in other directions. About these
matters I must see far more than
I can now, & write now, partly
to keep matters warm until I can

visit New York. Then I wished
particularly to suggest to you (if
the same thought ^{had} not already
occurred to you), ~~that for a~~
provision for preventing freezing
of the water in your meter,
by slight modifications, maybe
made to serve admirably
as a means of maintaining
for long periods in time, a
steady temperature, in biological
research; as for example, re-
searches on Bacteria, like those
of Pasteur, Koch & others, and
in the hatching of Eggs of the
lower animals, in embryologi-
cal studies, and finally,
in hatching artificially, Reptile
Eggs. But I have reference

9
J. S. Dewell, Jr.
17 East 10th Street, New York
More particularly at this time
to the application of the Contrivance
in Biological Research, to take
the place of the awkward
means, now generally em-
ployed.

In these and other matters
I hope you will readily believe
I am not a mere curiosity
seeker, but with a deep and a
rational interest in your labors
and their results, and that I
see, or think I see, ways of
applying certain of your
concocted discoveries, where they
maybe of much use, aside from
the sphere in which you ^{now} apply them.
I suppose I should say
(over)

4. J. J. Jewell
1882-83
your pardon for writing
so long a letter to a busy
man. But I will trust
your good sense, so far
as to believe it unnecessary.

I do not expect you to
be at the trouble to acknowl-
edge this note. But if for
any reason you should
feel inclined to let me hear
from you my address at
Chicago is on the head of this
sheet.

With many thanks
for your courtesy I am
Very dear sir
Respectfully yours

J. J. Jewell

70-5. May 20th
Chicago.

To:
F. A. Editor. Eng

^{26.}
June 29th/83
J. W. Pryor
requests payment
of rent on #25-
Gramercy Park
on Monday or
Tuesday

1883-06-29
21 Cortlandt Street, New York,
29th June, 1883.
My dear Mr. Small,
I should
like to have the rent for both June
and July upon 25 Gramercy Park
paid tomorrow, as I am going to
leave the city for a month on
Monday or Tuesday.

Very truly yours,
James W. Pryor
S. Small, Esq., }
65 5th Avenue.

Draw L

1883-06-29

MILLS BUILDING,
15 BROAD ST., N. Y.
ENGINEER'S DEPARTMENT.

1883-06-30

June 30th 83
Mr Edison
for Sir
I would like you
to call down on Monday
at four o'clock to see
Mr. Mills
Yours
J. Robinson

Form No. 1.

1883-06-00

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. SCHEIDT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
278	WJ	19.04	26

Received at 852 BROADWAY.

Dated Chicago 4
To: Thos. A. Edison 65-5 am
Returned here this morning
will be in new York Monday
next shall not be here
more than two days longer
Amerslager

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Stevens Institute of Technology

HOBOKEN, NEW JERSEY.

over

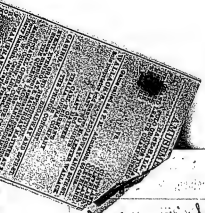
July 5/13

Wm. H. Brown

My dear Mr. Brown

The enclosed slip will tell you what we are doing in the line of instrumenting men with a view to making them useful in the subject which has received so large a development by reason of your work.

One of the things we want is a collection of instruments of measurement and specimens of what may be called standard electrical fittings. We have supplied myself the means to get a number of such things



as resistance coils, galvanometers and the like, but am unable to get all that it would be desirable to have in this direction, where a large number of duplicates would greatly facilitate the work of instruction.

Now if it happens to be easy for you to give us any advice this matter in the way of specimens & your standard affinity series such as circuits, illustrations of conductors with branch connections or any thing else that you would like to have a young man made familiar with before you employed

him in your business, we should be highly appreciative of your kindness, or if among your museum of instruments you find any standard instruments of electric measurement good enough to use as instruction but not too good to put into the hands of learners, we should be obliged for, and aided by the loan of such as you could spare.

While I do not propose to wait for any help in starting our new department, I am fully aware of the great ~~importance of the work~~ ^{importance of the work} ~~that would come~~ ^{from the aid of others} and ~~am~~ ^{now} prepared to accept and

March 3

acknowledge all assistance
great or small which comes
from those who appreciate
the importance of that
which we are endeavoring
to accomplish.

I have no wish to impor-
tune you, but only to draw
your attention to this matter
and so leave it to your
own judgement.

Very truly yours,
Henry Morton.

I have been so badly used and so many
pirates like Maxon & Weston are constantly
copying what I do even to the design without
labor to them that I have turned a
cynical savage and shall continue henceforth
to keep everything secret & silent in other
words paddle my own canoe.

Edison

Office of WOERISHOFFER & CO.,

No. 54 Exchange Place,

P. O. Box 3105.

New York,

1883-07-11

July 11, 1883

My dear Edison

What could
be done with

Aluminium if

it could be had

97 to pure, at

about 1² per lb

in quantities I didn't

need but it
is a great deal
worth it
Yours
J. Hoff

1883-07-11

Ogdensburg July 11th 1883
Mr. Edolason

Sir, I wright now to see
if you are coming up to the
St. Lawrence River or the lakes
this summer and should my
services as Pilot I could go to you
wherever you start or to Albany or
Oswego for two Dollars per day
and expences hoping to hear from
you soon I remain yours &c

James E. Norminal

George New York and Main St.
Tell Mr. Edolason
see him for details
with the Captain
and the Pilot

T. A. EDISON,
65 Fifth Avenue.

New York July 12th. 1883

Messrs. Drexel, Morgan & Co.

City.

Dear Sirs:-

While in Chicago recently, I met Mr. Charles Schiff,
of the firm of Baron Erlanger & Co., of London, Can you assist
me towards finding Mr. Schiff's present whereabouts in this country,
as I wish to communicate with him?

Very truly yours,

Thos. A. Edison
T.

*I am sorry we cannot give the
desired information. We have
engines in several places, but
without avail.*

Yrs. Dmg

1883-07-12

ALLEN PAPER CAR WHEEL CO.,

OFFICE OF THE PRESIDENT,

A. G. DARWIN,
President.

240 BROADWAY,

NEW YORK,

July 12th 1883

Thos A. Edison, Esq.
City.

Dear Sir:-

When you were in Chicago I mentioned to you a scheme for making a town near this City something upon the plan of Pullman but more conservative in its inception. The Electric which you represent and some other manufacturing that I am identified with, to form the basis.

We have advantages largely superior to those possessed by Mr Pullman; among them; one mile of navigable water front; a railway already in operation the entire length of one side of the property; the location only 28 minutes from the greatest commercial

1883-07-12

S. A. C. Jr

City of the continent, and the only piece of desirable property within a little distance of the City of sufficient size and possessing the advantages for such an enterprise.

If you can give me the time to investigate and seriously consider the matter please advise me. I would like a days notice as my absence from the City will necessarily keep my time well occupied for the present.

Yours very respectfully
A. Darnall

1883-07-19

ALLEN PAPER CAR WHEEL CO.,

OFFICE OF THE PRESIDENT,

A. G. DARWIN,
President.

240 BROADWAY,

NEW YORK,

July 19th 1883

Thos. A. Edison Esq.

65 5th Ave. City.

Dear Sir:-

I have your favor of the 17th inst.
Note its contents

I recognize the condition of things.
At the same time would like to have you
give me a few hours to go out and look over
what I have to show you; we can then con-
sider the matter more understandingly

I go to our Hudson Works today
for a short visit. Will be here again on
Monday. If you can arrange to give
me the time proposed I will hold my-
self subject to your convenience. If you
have anyone interested with you whose
judgement you are inclined to favor
in such matters, please take him with

1883-07-19

you.

I think I do not over-estimate the value of this project; or the ease with which success can be attained in it; and believe you will so concede, when you have investigated - at least is it not worthy the expenditure of the few hours necessary to consider it?

Please let me hear from you

Yours very respectfully

Al. Darwin

1883-07-21

ELECTRIC RAILWAY CO OF THE UNITED STATES,

S.O. HEND, PRESIDENT.
C.W. HOOKER, VICE PRESIDENT.
CHAS. DIMON, SECRETY & TREASR.

Mills Building,

New York City, July 21st 1883

Conduct thro
Thomas A. Edison. Esq. Shaw

\$ 65 Fifth Ave.
N.Y.

My dear Sir:

Referring to your note on letter from Dr. Geo. Harttraft. forward to you by Dr. C. H. Detwiler, may I ask whether the correspondence should be conducted thro' P. C. Shaw, of Williamsport, or that he should be protected in a commission?

Be good enough to advise me what arrangements, if any, were made with Mr. Shaw, and if none were made what you would suggest, in view of your knowledge of the facts, as to work done or to be done by him, greatly obliging.

Most truly Yours,

C. Rogers
N.Y.

Telegraphers Anke
THOMAS A. EDISON,
No. 65 FIFTH AVENUE,

1883-07-23

NEW YORK 29th July 1883

Received of Thos. A. Edison the
sum of one hundred dollars
being subscription to fund being
raised by "Telegraphers Brotherhood"
for relief of the Telegraphers Operatives
wives and Clarke.

A. H. Seymour

Chairman Rf Com

No. 17-Form 2. THE AMERICAN RAPID TELEGRAPH COMPANY. 883-07-20

General Office, 137 Broadway, N. Y.

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Errors can be guarded against easily by repeating a message, and by the sender stating, for comparison, and the Company will not hold itself liable for errors in
transmission or delivery of Unrepeated Messages.

This message is an UNREPEATED MESSAGE and is not to be relied upon for accuracy, under the conditions named above.

SEND. H. HAY, Genl Mgr.

L. A. SEHRMAN, Genl Supr.

J. W. CONVERSE, President.

CHECK. 10 Pdl. NUMBER 374. TIME 3 25

Dated. Albany, N. Y. July 26/83

To. Thos A Edison
65-5 ave

Everything looks well will
see you tomorrow at
12 o'clock

Eggleston

Read the Notice at the top.

Placed by the sender on this message, unless the
amount is covered by the Company's Stamp.

LELAND HOTEL,
(Formerly Coleman House.)
BROADWAY, 27th & 28th STREETS,
NEW YORK.
WARREN LELAND.

1883-27-28

Saturday am

July 28th

T. A. Edison Esq

J. F. Milburn

My Dear Edison

T. A. Edison

I am giving
an apology for the rumors
I kicked up and especially
one Maj Eaton one and I have
sent him one. I had
been out to dinner with
Gen^l Averell and had about
twice as much alcohol as I
should have had and was
hardly responsible. It
will be a d-d long time

before you or any one else
sees me in that condition
again. While my rec-
ollections of the evening
are rather confused, I
know I was unjust to Mr
Eaton as well as much and
I had no business to impeach
his character, and don't
believe any one who does.

Accept my apologies
Hilary me

Very truly Yrs

E. J. Mearns



GIBSON HOUSE

Gibson, Currie & Co.

Edison T.A.

D 1883

Advice

Cincinnati July 30 1883

Friend Tom
I haven't seen you since I was
in ^{the city} ~~Cincinnati~~ ⁱⁿ ~~1870~~ ¹⁸⁷⁰. We have
often thought of writing you.
I know you have often helped your
old friends along in the world
and hope you can for me.
I've worked for the W. U. as an
op'r since Jan'y 1. 72, till the
18th of this month when I went out
with the rest. In 72 I started at
100 per month and have been reduced
to 85 since with a great deal more
work for long while I been doing
from 3.25 to 3.75 wage per day.
I'm inclined to think the strike will
fail & I don't want to go back unless
I have to. I've been married 5 years
have a fine boy and lost one last
summer. Have had lots of sickness

42

July 31, 1883

Roscoe Conkling

Walter Griffin

re - Mr Conkling
being out of town

1883-07-31

LAW OFFICE OF
ROSCOE CONKLING,
No. 2 Wall Street,

United Bank Building,
(Cor. Broadway & Wall)
Rooms 34 & 35.

New York,

July 31st 1883

Thomas A. Edison, Esq.,
65 5th Avenue

Dear Sir,

Mr Conkling is from
town, & will not return until
about Aug. 15th. So soon as he
is back, your favor of the
26th inst. shall meet with
attention.

Yours very truly
Walter Griffin.

⁹¹²
MILLS BUILDING,
15 BROAD ST., N. Y.
ENGINEER'S DEPARTMENT.

1883-08-07

Aug 7th 83

Mr. Edison

Dear Sir

Have you a mining
map called the U. S. of Columbia
you could let me have for a
few days if so you will oblige.
I will call this evening

Yours
J. Robinson

I ~~had~~ once had one
but came and dropped
it. E

Form No. 1.

1882-08-08

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions, *as above*
 THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
185	<i>EJ</i>	10001	

Received at 701 BROADWAY.

Dated

Albany N.Y.

To

Thos A Edison

56 = 5 Ave

Shall be with you at half
 past eight tonight wait
 Please me

This telegram has just been received at the office in 701 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE

Oscar von Miller
1893-08-09

Göteborg, 9th August 1893

Barnes

The first line that I write to America, must bring
you my innermost thanks for all the kindness you showed me.
I am particularly happy to have made your personal acquaintance,
and very pleased that - I was able to learn so much in visiting
your establishment and in listening to your explanations -

I hope that I may be able to arrange things in
such a manner, that the people of my Country, will soon
be able to benefit of your Inventions & Records. If in my
endeavour I can more information from you, I will profit of
your permission to write to you -

If you wish to send any documents to the
"Com. Soc. in Electrical Research" ^{of which we speak} we will study them with
great pleasure, and send you a certificate on the matter. I believe
that the Professors who are members of this Commission, can
arrive at valuable conclusions, at least theoretically -

I am very glad to hear of your new Invention
viz. the "3-lobes system"

Please accept my heartfelt thanks for the small
Diploma, which will always remain a most valuable souvenir,
as also your photograph with autograph -

May I request you to kindly, renew for me to
the Prof. Clara Inuit Bergman -

Thanking you again for all your kindness,
I remain
Yours

(Signed) Oscar von Miller

Address:

Wm. Perzel

Manager

confidential

Marie Prescott:

Comedienne.

AUG 11 1883

FILE NO.

August 10th 1883
The Edison Co.

Dear Sir

I know you will be astonished to receive a letter from me - and you will be more astonished when you read the contents of my letter.

Our dear friend Remond came to me last night for money - He wants \$300.00 - small as the sum is I really could not give it to him I have spent so much money on "Vera" my new play and need to spend all I have, every hour.

He told me that he had gone to several friends (and like the genius that he is, those friends were his poor ones) and for the first time in his life had to borrow

Why? Because like a boy - he
had mislaid every dollar in the
week before he came to N. Y. &
actually reached here without a
cent.

If he thought that I
would wish such a thing & you
he would be mortified to death.
But I know he loves you and if
you can go to him and say

"You need some money - then it is -
you will do a great good to our
dear grand Keweenaw who is now
really like a child in his distress"

It is a real sorrow to me that
I cannot give it to him - He
only wants it for two weeks.

He has \$2.00 for two weeks
concerts in Colorado & he hasn't
money enough to get there.

1883-08-11

Address:



Wm. Perzel

Manager

Marie Prescott

Tragédienne

2

I do not stop to think
what impression my strange
suggestion may make upon you
but I know that you will
not betray my unwarranted
liberty for our friends sake.
He must not know I
spoke to you.

With great respect -
(and I pray your indulgence)
most sincerely
Marie Prescott

1883-08-15

1634 North 13th Street,

Philadelphia, Pa., Aug. 11th, 1883.

Prof. Thos. Wentworth Esq.,
50 West 4th St.,
New York City.
Dear Sir: While representing former
New York publisher, Briggs &
Co., and others of New York, I have had
the pleasure of personally and phre-
sently mentioning my personal
and other interests. The volume
is one among the many articles I
have prepared and published,
and this is a slip clipped from
~~the Daily Inter Ocean, Pa., of~~
which I was editor-in-chief. All
news, domestic or foreign, and other
truths, have conspired to place
me in extremely embarrassed
circumstances, and while we
are really suffering for the common
necessaries of life, our household
goods have been seized for arrears
of rent, and we and our
little children may be rendered
homeless in a short time. Would
you kindly aid us, pecuniarily,
as far as you are able, so that our
trouble and distress may be relieved.
Any kind of extended aid being

T. A. EDISON,
65 Fifth Avenue.

New York, August 14th, 1883

M. C. Gray, Esq.

1634 North 13th. Street,
Philadelphia, Pa.

Dear Sir:-

I am in receipt of your favor of the 11th. inst.

I have so many calls upon me to assist those closely
connected with me, that it is quite impossible for me to give
assistance to others. I very much regret this and sincerely
sympathize with you in your trouble.

Very truly yours,

Thos. A. Edison

48
August 15th /83
M. C. Gay,
Re- desiring
Assistant

1634 North 13th Street, Edison, T.A.
Philadelphia, Pa. Aug. 12th, 1883.
Advice.

Thomas A. Edison, Esq.

Dear Sir:- Since writing you
on editorial position upon a daily
paper, followed some distance from the
city, have been offered one. If I could get
to the employment, my troubles could be
soon be relieved for the letter. Would
you kindly aid me to the extent
of \$5, as that amount would help
me greatly in the direction that I
wish to go. I would also have an
opportunity of writing of the elec-
trical and other matters you and
your associates are interested in.
Thanking you for sympathetic re-
gards, I remain, with much respect,

Yours truly,
M. C. Gay, Jr.,

RECEIVED

AUG 16 1883

ANSWERED

FILE NO.

M. C. Gay,
Editor.

The Direct United States Cable Company Limited



RECEIVED
AUG 21 1883
ANSWERED

Wm. P. 1883 Aug 23
FILE No.

My dear Sir. Any time in day
Monday or Tuesday
Would it be so
Convenient for me to see
you sometime on Monday
or Tuesday next.

Mr. Pender wishes me to
have a few words with you
on a private matter of
his.

I hope you are well

Very truly Yrs.
Geo. Galeand

Thos A Edison

1883-08-20

U. S. S. Powhatan, 2d Rate,
Navy Yard, New York,
August 20, 1883.

Prof. T. A. Edison,
Dear Sir,

The gentlemen who visited your establishment on the 11th inst., were Messrs. Willis and Gatewood, Naval Cadets attached to this vessel, and their only object was to collect sufficient information concerning the practical operation of your system to enable them to prepare a descriptive paper; and had there been communicated to them anything of a confidential nature, in this connection, it was not their purpose, as it would not have been honorable, to use it.

Very respectfully,

W. L. Gatewood
Captain, Commanding.

WHOLESALE PAPER WAREHOUSE.

E. M. TAINTOR.

Manufacturer of
Paper Boxes, Picture Frames, Paper Bags and Stationery.

OFFICE AND STORE 132 1/2 MAIN STREET.

Middletown, Conn., Aug 20, 1883

Prof. Edison, Dear Sir:

The velvet envelope and contents were purchased of a man claiming to be a deaf mute. I do not suppose you allow your name to be used for such humbugs, but write to let you know what the rascals are using your name for.

Respy

E. M. Taintor.

(1823)

EXPLANATION.

Vitality, Magnificence, and Health. Indicator. For Prof. By laying it on a flat that it remains stationary. Touch or lean.

judly, causes action of the sense it will be noticed and it shows life.

Places the Indicator in the palm of the left hand. If it acts in a lively manner, rolling up and opening out, etc., it is an indication that the person, male or female, is enjoying very good health. The blood especially is in splendid condition.

By paying attention to this action of the indicator it is as possible to regulate the condition of the length as it is for an engine to tell the amount of steam he is carrying by looking at the steam gauge. Thus the indicator acts slowly, the system generally needs attention, especially the least irregularity.

A reference to a dictionary will explain the meanings of the different temperaments mentioned below.

If the person is of a sanguine temper, it rolls itself quickly up and falls from the hand; if a choleric temper, it rolls itself up and runs toward the arm; if a phlegmatic temper, it rolls itself up a little and remains lying; but if he is of a sanguine choleric temper, it goes sometimes quick and sometimes slow. Thus, for instance:

A sanguine person has a ruddy complexion; his voice is moderately loud; he is skillful; has a disposition for music and poetry; in conversation he is free, is fearfully faithful and affectionate, open and generous. Therefore, you meet with few sanguine persons that are rich; he loves just and laughter, singing and dancing, and all kinds of pleasure in general. He is passionate, gay and active, but not constant, and forgets easily what he heard with delight. It is the same case both with men and women.

A choleric person is generally of a slender make; his veins are thick and his voice strong. He is ambitious and proud, thinks himself wiser than others; is courageous and brave, and does not easily alter his plans; if he is contradicted, he gets angry, but repeats soon; he loves hunting and a military life. Women of this description are energetic and industrious, gay and fascinating, but inconstant.

A phlegmatic person has a pale complexion, a good understanding, and bears without murmur what is told him; is of few words; if once in love, is constant, but otherwise cold and indifferent. There are few things that he likes better than eating, drinking and sleeping. He is averse to all kinds of work. Sometimes he goes to church, because he may sleep soundly during the sermon, and when he goes to a play he is continually yawning. The women of such temper are rare.

A melancholy person is fond of being alone. In company he is embarrassed and tires himself; if you stare at him he blushes immediately, and if three or four whisper together, he believes he is the subject of their discourse. He is dreamy, sensitive and steady, but also envious, suspicious and covetous; his dull humor renders him pusillanimous. Women differ nothing from men. Very little action.

KNOWLEDGE AND AMUSEMENT

PROF. EDISON'S Electrified Health and Temperament Indicator.

Describes condition of the Health; also, the Disposition and Temperament of every person, with Instructions for Use.

ADDRESS: EDISON MANUFACTURING COMPANY,

AGENTS WANTED.

Menlo Park, N. J., U. S. A.

THE WESTERN UNION TELEGRAPH COMPANY.

THIS IS AN UNRECORDED MESSAGE, and is delivered by means of the sender, under the conditions named above.

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Received at the WESTERN UNION BUILDING, 195 Broadway, New York, Aug 24 1888

Dated Washington DC

3. Alderson 65, 500 acres

How about Hoffmann, Buff

J. R. Rhoda

face

Mr. Inghill

I notice that the
attached answers
Dryers Delapian -
Tate

I send it to you
for Signature. If
you want it
Sent at once

W. A. G. G. G.
Aug 2, 1903
11th

Received
Inghill
Aug 2, 1903

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

Form H.
1883-08-01

New York, ^{it} 21 Aug 1883

J. A. R.

I do not find
you in this morning.
Will you be in tomorrow
morning.

Ward

I will be
~~at~~ at 107 South
Street - Edison machine
works from 11 to 5 for feeding
& 65 generally in Evening
after 8 pm -

MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

We are making a machine with 18
and 800 ampere capacity for depositing
two large for you

Thomas A. Edison
Beverly Hills, Cal.
Aug 24 1883
Palo Alto, Cal.

My dear Sir:
I am considering the
question of purchasing for our
School a dynamic machine for
depositing metals from their
solutions, to be used in the
mining laboratory of the Institute
for instruction and for such
experimenting as may come along.

According to my experience
in other directions I think
I want a machine to give
very large amount of work
in the way of metal deposited

I have applied to Mr. Mac as yet, and shall not
at present.

and it occurred to me that
if I had a derived circuit
or shunt circuit machine
that would give me 6 volts
and 170 Amperes that it would
be about the thing. I could put
three rats in series and get

Say 350 grammes per hour (1st rat)
350 " " " (2nd rat)
350 " " " (3rd rat)

or a total of a little over a kilogramme
per hour of Copper precipitated.

I should also wish to be able to
cut down the current by breaking
the field coil and inserting
variable resistance.

Will you please inform
me whether you think you
could design a machine to do
the above work, to consume not
over $2\frac{1}{2}$ horse power and to run
at about 1000 revolutions, and to be
an example of the most economical
style of machine now in use, and what the
cost would be. I am, Sir, very truly
Yours, A. H. Church, Professor

TAKE ELEVATOR.

REAL ESTATE

OFFICE OF

R. T. HAINES, *Co*

No. 30 East 14th Street,

New York City. *Aug 23 1883*

Mr. Erwin.

Sir-

We have been requested by the
head of a large importing firm to find
him a house on Gramercy Park, if your
house is for sale we will be pleased
to call and see you

Resp

R. T. Haines & Co

1883-08-23

LAW OFFICES OF
ECCLESINE & TOMLINSON,
32 PARK PLACE,

THOMAS C. E. ECCLESINE,
JOHN C. TOMLINSON.

NEW YORK, Aug 23^d 1883

Mr. Thomas A. Edison
cto 65 - Fifth Avenue

My Dear Sir:

Your favor, enclosing Englem's
estimate just received.

I will attend to the matter
of which you write, & advise you
without delay

Yours sincerely
John C. Tomlinson

ok

1893.08-24

181 Park St
New York Aug 24/83

J. A. Edison Esq.
Dear Sir

Referring to my conversation with you on Wednesday evg in reference to the enterprise on Staten Island in which I am engaged, I desire to submit a proposition to you regarding the First Mortgage Bonds of the Road. By reference to the printed memo. left with you, it will appear that the bonded indebtedness on First Mortgage is limited to \$160,000, covering everything belonging to the road present and prospective.

Allowing \$50,000 for purchase of necessary rolling stock equipment, the remainder \$110,000 will represent a debt of but \$12,200 per mile (9 miles) for a first class standard gauge steel rail road within 12 miles of the City Hall in New York. The payment of interest on Bonds will require but \$9,600, not a quarter of one per cent income. As to the probability of such earnings I would refer you to Poor's Manual of R.R. 1883, just issued under head, Staten Island Railway (the only steam R.R. at present owned).

The principal figures are as follows.

Capital Stock \$210,000. 7% Bonds \$300,000

— Payments — ? Net earnings \$108,801.23

Interest on Bonds \$21,000

Dividends (20%) 42,000

Carried over 23% 45,801.23 \$108,801.23

Compare this with the large - solid? Railroad reports

that in two years our Stock will show as well

as the Great Rwy Stock was sold within

to give Eastern Miner at 400%.

You said you preferred to invest in U.S. Govt

Bonds or Electric light securities, but I believe

you would not go around if you would take

say 10 of our Bonds. All I have sold have

paid 90% but as an inducement I will sell

you 10 Bonds \$1,000 ea. 6% int. May & November

at 85% and accrued int. and give you a bonus of

20% in Capital Stock. We receive all the Bonds

and part of the Stock for the completed road

Your investment would then be

10 Bonds at 85% \$8500.

less 20 shs Stock 2000.

Making Bonds cost you 65 or \$6500.=

Please consider this and I will call and

see you

Respectfully
Alfred Nelson

²⁶
Aug. 24th 83
J. W. Pryor
re-claiming
the rent of
Mr. Edwards house
for Aug. & Sept

1873-08-24

21 Cortlandt St., New York,

24th August, 1883.

My dear Mr. Small,

Permit me to

remind you that the rent of
25 Gramercy Park for this month
has not been paid.

Very truly yours,

J. W. Pryor.

S. Small, Esq., }
65th 5th Ave. }

it only remains for me to thank
you for the invitation you have
given, - and this needs very heartily.

Being one to be - for St. Hill
also I beg to give sincerely

- - - - -

Aug 21 1871

My dear Sir,

I have the honor

to acknowledge the receipt

of your letter of the 19th

inst. in relation to the

same, and in reply to inform

you that the same has been

forwarded to the proper

authorities for their consideration.

I am, Sir, very respectfully,

Yours, &c.

Wm. H. H. H.

Secretary of the Board

of Education, New York

City.

I am, Sir, very respectfully,

Yours, &c.

Wm. H. H. H.

Secretary of the Board

D. 1883
W.O. - 24

The Direct United States Cable Company Limited

407 Broadway
New York



New York 24 Aug. 1883

Dear Sir,

I have received
yours of the 23rd and will
try and beat Goerck's
tomorrow Tuesday between
12 and 2.

Yours very truly
G. J. Woodward

J. A. Edison Esq.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be granted against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

W. H. GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
2466	Harold H. Paul		

Received at 852 BROADWAY.

Dated *Harriestown Heights N.Y. 30* *Aug 31 1888*

To *J. A. Edison*
65 Fifth Ave N.Y.

Sublarn says do not send.
Paragram until he does yield
tomorrow

Lawrence

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

12

1883-08-30

Aug 30. 1883.

R. W. Westcott

Wash. D.C.

I have not stated to you
that you were dishonest
Edison
Edison I am sure of it
this to Westcott
W. R. Westcott

T. A. Edison, Esq.

Dear Sir:

Mr. Marshall informed
me that you suspected me of being
dishonest while in your employ, under
O'Day, as timekeeper & paymaster.
You are the first person that ever said
I was not honest. And it is not
very pleasant for me to be accused when
I am perfectly innocent. You have spoken
yourself as satisfied with other parties, in
regard to the supposed division of the
contracts of your employees but for
myself I can give no satisfaction
whatsoever. I am in your employ under

1883-08-30

Dear Sir

the suspension of Adams, over two years
holding the respective positions:

Shipping & receiving clerk, Tol. Kuper (time kept
paymaster, shipping clerk) inspectors, and
about two months connecting the machines -
all of the above positions I held faithfully
and would defy any person to find a
dishonest act on my part's.

Hoping you will give the matter a little
thought, and change your opinion in regard
to my character.

I remain

Yours Respectfully

John H. Hester

124-3rd St

City

In case other parties ask for reference

I would like to refer them to you -

Sincerely

1883-08-30.

Subject, -- Nickel as a Conductor. --

GEORGE S. LAGO, PRESIDENT,
AND, WHITE, BEGARD TREAS.

OFFICE OF THE
PACIFIC BELL TELEPHONE CO.
N° 222 SANSOME ST.

M. GREENWOOD NICE, PRESIDENT,
JNO. LEAHN, SUPERINTENDENT.

RECEIVED
SEP 8 1883
ANSWERED
Sept 7 1883
FILE NO.

San Francisco, August 30 1883.

In reply to yours

Sam'l Insull, Esq.,

65 Fifth Avenue,
New York.

My dear Sir:

Will you kindly ask Mr. Edison to tell me what he

knows about Nickel as a conductor for electrical purposes. A
Mr. Burbage, who met Mr. Edison in New York, quotes him as au-
thority for the statement that a nickel mine would be of great
value for electrical and telegraphic purposes and that it is
superior to copper as a conductor.

Burbage and associates have bonded a nickel mine
in Nevada and laid the matter before me and my friends.

Very truly Yours,

Have not received instructions &c. about surveying for village
plants. Want 'em bad.

*Nickel is 7 times
worse than copper +
24 times worse than ~~nickel~~ ^{iron} ~~aluminum~~ ^{aluminum}
means evidently a
brath*

Geo. S. Ladd
Ladd

27

Sept 2 1883
R. H. Richards

Express thanks
for note

1883-09-02

Postn Sept 2 1883
FK

Thomas A. Edison Esq

My dear Sir:

please accept my thanks
for your note and
advice about the teleprinting
machine.

Very truly Yrs

Robert H. Richards

Mass Inst Technology

SEP 5 1883

RECEIVED

SEP 5 1883

ANSWERED

FILE NO.

1883-09-02

Copy to School Post

See Mr. E. J. Post

1883-09-05
Sharon Rogers Post

Bank of the Metropolis.
New York, Sep 5 1883

Mr T. A. Edison

Sir

On Friday meet on
Thursday afternoon, and I
Let you know as to
your request for an
Friday morning.

Respectfully,
Robt. H. A.

26
Sept. 6, 88

J. W. Pryor
requests rent for
25 Gramercy Park

Don't pay only to Sept 1
would ^{get out of the land} ^{have}
21 Courtlandt St, New York,
if could — 6th Sept, 1888.
My dear Mr. Swannell,

Inasmuch as
Mr. Edison has been a month late
with several of the payments of
rent upon 25 Gramercy Park, & do
not hesitate to ask that the rent
for October should be paid now,
with that for August and September.
& shall be much indebted to you, if
you will see that this is done.

Very truly yours,

S. Swannell, Esq.,
65 5th Ave.,
New York.

J. W. Pryor

1888-89-90

1883-09-09



H. E. Gibson

Dear Edison

I am so sorry ^{for} having been obliged to leave N. Y. without being able to see you any more — but I was called to Colorado. What a great Country this is? — I enclose in this letter the Call you gave me last year — and I request you to give me another Calllllll — may be a more fortunate one — I leave it entirely to your judgement — but do it. I have absolute faith in the absolute success ~~at~~ ⁱⁿ your humineny — now don't fail to drop me a line at your convenience — you never do it — but now you will do it, and you will enclose ~~of~~ the Call — do it.

affectionately yours,
W. J. Remeny

In December I will be again
 in N. Y.

recommenced your
renewal of script for
the year
1910-11

Office
Manager

26

My address is
care of
Mrs Skiff and Morgan

Manager
Haverly Theatre
Chicago

My

1883-09-11

RECEIVED
SEP 13 1883
ANSWERED

JOHN P. ROGERS & Co.
COMMISSION MERCHANTS,

No. 62 INDIA SQUARE.

BOSTON, U.S.A.

FILE NO.

Sept. 11 1883

*Charles F. Johnson Esq.
155 N. 5th St.
Boston Mass*

Can I inform you
that almost the last diluted drop of
Graham's Supplicating Ink, which we have
used for five years - our last purchases
were from D. Deland. But that source
of supply is no longer available, I am
sorry to trouble you, as we cannot do business
without it, having tried all others & found them
worthless in comparison -

We would not trouble you, but that
it is a matter of grave importance to us to ob-
tain it. Will you kindly advise, where we
can obtain either a doz. Pints, or gallon or
two - or if not obtainable, can we not arrange
for the "recipe" to make it solid, for our use?

Your kind attention, will
be much obliged

Yours Very truly,
J. P. Rogers

My solicitation, I am doing, Collier & Co.
(now Collier, Gould & Co) a very reliable house
corresponded with you in regard to this.
If it is not successful, we would that you could arrange
with them, that ourselves & others could find it when wanted.

26
Sept 13, 83

J. W. Pryor

Re house in
25 Gramercy Park

1883-09-13.

21 Cornhill at St., New York,

13th Sept., 1883.

My dear Mr. Sewell,

The delay in
paying the rent now due upon the
Gramercy Park house has caused
me some inconvenience; and I am
constrained to ask that you will
see that the delay is not prolonged.
You will not, under the circumstances,
think unreasonable the request,
made in my last note to you, that
the Oct. rent should be paid now.

S. Sewell, Esq., }
65 5th Ave. }

Very truly yours,

James W. Pryor.

1883-09-13

1883-09-19

New York, Lake Erie & Western Railroad Co.

Law & Contract Department.

New York, 19th Sept, = 1883.

*Edisonburg
Sept 19 1883*

Mr. J. Edison, Esq.,

65 5th Ave.,

New York. -

My dear sir,

Within the past two weeks I have address to Mr. Small several notes asking for payment of the August and the September rent due upon 25 Commerce Park. Some days ago Mr. Small wrote to me that payment would be made without further delay. Since then I have written to him twice. The rent remain unpaid, much to my inconvenience. - I have asked Mr. Small that the rent for October should be paid now. Inasmuch as several of the previous payments have been from two weeks to a month late, this request seems to me very reasonable. - Will you kindly deliver to my messengers your check for Twelve hundred dollars?

Yours very truly,

J. M. Smith

Form No. 1.

1883-09-22

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of rate paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

MORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	REMARKS
621	Col R	Philly	WV Sept 22 1888.

Received at 852 BROADWAY.

Dated Philadelphia Pa 22
 To Sam Insull 65. 5 am

Mailed you check for two
 thousand this morning
 Susan

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Edwards' House - 25 Gramercy Park.

1883-89-24

OK that four months

21 Courtlandt St., New York, 24th Sept., 1883.

Thomas H. Edison, Esq.,

65 5th Ave., New York:—

My dear sir, I regret very much

to learn from your letter of 20th September to me that you can not continue to occupy the house 25 Gramercy Park. I certainly wish to do everything in my power to lighten the burden under which you find yourself placed by the lease. The rent of that house is, however, of so much importance to me now that I can not think of giving up at a moment's notice the prospective rent for a year. Thus, I presume, you have not expected me to do, counting upon that rent; I have rented another house for my sister, and myself, and have expended some hundreds of dollars upon it; I have, at your request, spent more than five

1883-09-24

hundred dollars upon the plumbing in the Lymmercy
Park house; and have, also at your request, laid
new carpets in some of the rooms. These and
other outlays must be ^{met} in part with the rent
due and that to become due under your lease.
The loss of any of this would inflict upon my
sister and me much greater hardship than that
which you would suffer in being held to the terms
of the lease. I am constrained to say that I shall
look to you for the rent until the end of your term.
Although the lease expressly provides that the house
shall not be sub-let, I shall not, under the cir-
cumstances, enforce that provision. If you have
decided positively that you can not remain in
the house, my sister and I are willing that you
should sublet it for the remainder of the
^{to such tenants as we approve}
term. This consent is given with the same re-
strictions as to tenants as we place upon ourselves;
and we reserve the right to withhold our consent in the

3.

1883-89-24

event of our not approving of any proposed subtenant, ^{whenever} we can not, and do not, consent to the subletting of the house to anyone who would use it, avowedly or in effect, as a boarding house; and I make the request, which is only reasonable, that before letting the house, you will submit to me the name of the person to whom you think of letting it. You understand, of course, that the subtenant can not look to me for any repairs to house or furniture. If you will let me know the rent which you intend to ask, I shall be happy to do what I can in aiding you to find a tenant. Do not think that I fail to appreciate the awkwardness of your position. I regret that I can not do more to relieve you. — Upon the subject of the unpaid rent for August and September. I have written once to you and your times to Mr. Swannell, I have called twice at your office. I must insist upon the immediate payment of this, or the naming of an early day upon which it will be paid.

Yours very truly, James M. Pryor.

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THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
89	Cash	Plaid	

Received at **852 BROADWAY.**

Oct 5 1888.

Dated Proctor Mass
 To Saml Isuell 65 5 Ave

Make best terms with Gourard
Can dyer postpone interference
Isuell

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be avoided against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
406	Thil B	11 Pa	

Received at **852 BROADWAY.**

Oct 5 1888.

Dated Menlo Park Nj
 To Edison 65-5 Ave
Everything shipped to Bergman
except ten Carbon buttons
which I have
A Swanson

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

JOHN R. FOLEY,

REAL ESTATE,

137 BROADWAY,

CHAS. R. DURHAM,
Loans and Insurance.

NEW YORK

Oct 11, 1883

Mr Edison,

Dear Sir,

I have a
Hotel at Minto Park
for sale which I am
authorized to sell for
cash or exchange for
good Manufactured
or Electric Stock.

Will you entertain an
exchange for stock of
your Company if so
I will call on you again
full particulars

very

Respectfully

John R. Fildes

ne stöckung hat
ich Thure Parfior a
Habe in die 207

J. R. Fildes

2/11/22

2
ALDEN & STERNE,
REAL ESTATE BROKERS,
AND AUCTIONEERS,
2 West 14th St., Cor. 5th Ave.,
New York.
Telephone Call—21st St.—246.

1883-10-13

October 13th 1883

Thos. A. Edison Esq.
65. 5th Ave.
City

Dear Sir.

Your letter of the 12th inst
received and contents noted.

In reply we would state that we will
have our bill put on the house to Gramercy¹⁸
at once and will also send authority to other
brokers to offer it in connection with ourselves.

You however will not be responsible
except to us for commissions as we will divide
our commissions with them.

We have advertised the house frequently
in "the Herald", "Evening Post", "the World and Express"
and have had several applications & hope to
submit a satisfactory tenant to you very shortly.

Very Respectfully Yours.

Alden & Sterne
per. Ward.

R. S.

Any application from brokers to you, kindly
refer them to us and we will submit any
propositions immediately to you.

A & S-

THE LONDON AND NEW YORK...
 ADVISE RECEIPT OF No. 1883-10-15

Rogers & Co.
 IMPORTERS AND COMMISSION MERCHANTS,
 No. 25 India Square, BOSTON, Oct 16 1883
 ANSWERED
 FILE NO.

*My father has sent you
 J. N. Oliver Esq.
 Dear Sir,*

*We would not
 intrude upon you again, but
 that it is imperative that we
 obtain your duplicating ink,
 if possible, as to which have
 the kindness to inform us.
 I remain oblige*

*Yours respectfully,
 J. N. Oliver*

1883-10-15

PLEASE ADVISE RECEIPT OF NO.

For Valparaiso

THE ALBANY AND BEAN will have prompt dispatch for above port direct. For freight apply to
JOHN P. ROGERS & CO., 69 India square.

THE **JEANIE LIPFITT** will have a
display for above feet. For freight apply to
COTTON & HALEY, 110 State Street.

NOTICE.—The German Steamer **BACKWALL**, Capt. H. Backer, from **HAMBURG**, is now discharging under general order at Pier 11 Grand Junction wharves, East River, New York.

Commence will please send permits on board promptly, and call at office, day freight and motor hire.

All persons are hereby cautioned against harboring or transacting any of the above-mentioned business, and no debts of their contracting will be paid by the master of

C. L. BARTLETT & CO., Agents.

NOTICE.
THE steamship DANIEL SPERLMANN, from Antwerp, is discharging at N. Y. & N. E. R. H. wharf South B'ngh. J. A. GILL & LOOZE, agents.

NOTICE.
ALL persons are hereby cautioned against harboring or assisting any of the crew of the British barque "JANUS," from Cadix, Spain, as no bounties of their constructing will be paid by the captain.

ingers & Co.

MISSION, RECEIVED
MERCHANTS

ANSWERED

15-1882

FILE NO.

2

22.

Wm. J. Fox.

We would re

ازادہ آدائی،

...ative that

11. *Clinton*

for the

to which

to uniform me

get a

Dr. Van Hook,

[Signature]

[Handwritten signature]

10/10/10



obtain your duplicate they ask, if possible, as to which have the kindness to inform us.

I much oblige

John Knightly.

[Handwritten signature]

B. S. Pray & Co.
India Building,
80 State Street

1883-10-16

Boston, October 16th, 1883

Prof. Thos. A. Edison

65 5th Ave.

New York

Dear Sir

I beg to apologize for not
sooner acknowledging your kind communication
of the 27th ultimo.

My friend Mr. Curtis has been quite ill and
until now I have not been able to name a day when
he could be in New York.

Would it suit your convenience to give us
a short interview on Friday next? if so, at what
hour? or would a later day suit your convenience
better.

Thanking you again for your willingness
to assist us.

I am

Respectfully Yours

B. S. Pray

Received of B. S. Pray & Co.
Oct 17 1883
\$100.00
for the use of the
Edison Laboratory
at West Orange, N. J.

El. Light (?)
CHARLES BUEK & CO.

ARCHITECTS.

63 East 41st St. cor. Park Avenue,

CHARLES BUEK,
HENRY F. COOK,
CHARLES EDDING, Special.

New York, Oct 17th 1883

E. N. Johnson Esq

Dear Sir

Please find enclosed
Tax bill for 1883 on house occupied
by you, payable to us or before Nov 5th

If you so desire we will on receipt of
your Chk. attend to the payment

Yours Truly
Chas Buek & Co
A.

2883-10-18
Oct 18/83

M. Thomas

re Mr Edison's Photo #
graphs

Shamokin Pa. 18th Oct 83

Mr Thomas A. Edison
65-5th Ave. N. Y.

Dear Sir

I express to your address
this day 4-11x14 Portraits of
yourself also 3 cabinet

I have figured on an
order of 72 11x14. Case

On a Katherin for \$100.00

I should like to have so the
figure lower but find it takes
a great deal of time to print
them nicely. You will notice

that the finish is not very

well done on the large ones from
the fact that when we mounted
them they were laid ~~too~~ near
the stove thereby becoming too dry
before they were finished
next lot will be much better

You will notice there are
two of some negatives our right
and one plain print. Like plain
print is it with the exception
that the corners are a little
rough but if you would rather
have them that way think we
can over come that objection
please return the one you
wish your future order from
as soon as convenient & I should
like to get them printed before
the holiday rush

Yours truly

W. H. Shaw

Shaw & Son
San

1883-10-18

Havana Oct 18th 83

Dear Tom.

Put the Gripper on at Bergmans. Let me know the result, I shall probably be in Mexico a month, will write advising my return

Write me if anything can do for you there

Yours faithfully

H F Adams
Hotel San Carlos
Mexico

Ga Edison
N.York.

Where to write these
E

Mr Edison says
these have to
be made

Specs to Edison

1883-10-19

The Mutual Life Insurance Company of New York

LAW DEPARTMENT.

146 BROADWAY,

New York, Oct 19th 1883

To Cha^s Batchelor Esq

Sir:

The President having sent you notices at different periods requesting payment of interest in arrear, ~~on your~~ mortgage to this Company, without satisfactory response from you—he is therefore now compelled, by order of the Committee on Finance, to request immediate payment of the interest due; and it has been placed in my hands for collection.

Your immediate attention will save the expense of legal proceedings.

Respectfully yours,

O. H. PALMER,
Solicitor.

Loan No. 4982

1883-10-19

This Indenture, made the Twenty second day
of October one thousand eight hundred and eighty three Between
Thomas A. Edison of Menlo Park New Jersey Party
of the first part and Baron Fuppmann Talbella
of Germany party

of the second part, Witnesseth. That the said party of the first part
has, letten, and by these presents do—grant, demise, and to have let, unto
the said party of the second part all that certain lot, piece
or parcel of land situated in the City and County
of New York together with the dwelling house
thereon erected and which is known and distin-
guished by the street number 25 Gramercy Park.

with the appurtenances, together with the furniture in the said dwelling
house a list or schedule, or inventory of which is in possession of each
party, and to which reference is hereby made, the said schedule or inventory
having been examined by said parties, approved and signed by them, for the
term of six months and ten days from the Twenty second day of
October one thousand eight hundred and eighty three at
the Monthly rent or sum of Two hundred and fifty dollars
Per month.

to be paid in equal monthly payments in
advance. And it is agreed that if any
rent shall be due and unpaid, or if default shall be made in any of the
covenants herein contained, then it shall be lawful for the said party of the

first part to re-enter the said premises, and to remove all persons therefrom.

And the said party of the second ~~part~~ ^{doth hereby} covenant to pay to the said party of the first part, the said ~~party~~ ^{monthly} rent as herein specified that is to say in equal monthly installments in advance on the first day of each and every month until the term expires and the said party of the second part doth hereby covenant not to let or use the said premises as a boarding house, nor allow nor suffer to be carried on therein any business, trade or manufactory, and that after the first day of February 1884 he will permit the party of the first part to put a notice on said premises that the same are for sale or to let, and will permit access thereto at reasonable hours.

And at the expiration of the said term, the said part of the second part, will quit and surrender the premises hereby demised, in as good state and condition as reasonable use and wear thereof will permit, damages by the elements excepted.

And the party of the second part further expressly covenants and agrees to keep the said furniture enumerated in said schedule or inventory, and which is contained in the said dwelling house in good order, and to repair at his own proper cost and expense, and also to pay for, replace or make good any and all damages, breakage, or loss to said furniture (excepting loss or damage by fire to said furniture), and to surrender and deliver up said furniture at the expiration of said term; the ordinary reasonable use and wear of such furniture excepted.

And the said party of the first part, do covenant that the said party of the second part, on paying the said ~~yearly~~ ^{monthly} rent, and performing the covenants aforesaid, shall and may peaceably and quietly have, hold, and enjoy the said demised premises for the term aforesaid. In witness whereof the parties hereto have hereunto set their hands and seals this day and year first above written

In the presence of

C. D. Hainington

Thomas A. Edison

Harold Joseph Thompson

IN CONSIDERATION of the letting of the premises above mentioned to the above named

and of the sum of One Dollar to me paid by the said part

of the first part do hereby covenant and agree, to and with the part of the first part above named, and legal representatives, that if default shall at any time be made by the said in the payment of

the rent and performance of the covenants above contained on part to be paid and performed, that will well and truly pay the said rent, or any arrears thereof that may remain due unto the said part of the first part, and also all damages that may arise in consequence of the non-performance of said covenants, or either of them, without requiring notice of any such default from the said part of the first part.

Witness and seal this day of in the year of our Lord, one thousand eight hundred and

Witness,

1883-10-24
PLEASE ADVISE RECEIPT OF NO.

*Insulted
you can't
you can't
you can't*
royalty
John H. Rogers & Co.

EXPORTERS AND COMMISSION MERCHANTS,

No. 42 India Square,

BOSTON.

Oct 24 1883

you can't
A. O'Brien Esq.

Dear Sir

Your kind note
of 17th came duly to hand
advising that the wine would
be ready "in a day or two,"
I am, I would not trouble
you, but that we were really
suffering for it, awaiting to
commence our services.
If you can but send a single
bottle of it, we will be content
until that is gone. If you are
not to have this obtainable
hereafter at call, we would
like two gallons, of the quality
of five years ago for medicinal
and promptly remedy.
Very truly, J. H. Rogers & Co.

W. H. Burrows,
Freight Broker.

1883-10-25
Office, 49 Broadway,
Room 18,

New York Oct 25th 1883

Thos A. Edison Esq.
65 Fifth Avenue

My dear sir

Your esteemed favor
of 24th received.

In response thereto
I would have called today, but
for the intelligence, by telephone, that
the winter was out of town.

I am obliged to be down myself
this evening, but expect to return
Saturday.

I will take pleasure in
calling on that day or Monday following.

Yours very truly
W. H. Burrows

SEARCH OFFICES

LONDON,

PARIS,

VIENNA,

BERLIN,

MADRID

GEO. M. HOPKINS,

ELECTRICAL

CASES

A SPECIALTY.

137 TEMPLE COURT.

New York, Oct 26, 1883.

Write H. M. Hopkins
will go to the Fair

Dear Mr Edison.

I know you
are much interested in
high speed engines.

Have you seen the
Sweet engine? If not
I earnestly hope you
will go to the Fair of
the Am. Inst. and see one.
Or send your repre-
sentative. In my
opinion it is the king
of engines.

Yours truly
Geo M Hopkins

PLEASE ADVISE RECEIPT OF NO.

1883-10-27

John H. Rogers & Co.

RECEIVED

EXPORTERS AND COMMISSION MERCHANTS,

ANSWERED

Oct 27 1883
BOSTON

J. H. Rogers Esq.
Dear Sir,

This morning we
have your favor of 26th Oct.
pkg of silk came yesterday.
Please send us
invoice which you have neg-
lected to do.

We more than thank
you for obliging us. Remain
Very truly,
Yours

J. H. Rogers

⁴⁸
Oct 27/83

W. O. McDowell

Enclose subscription
List and request.
P. A. E. to subscribe

WM. O. McDOWELL,
NO. 7 CORTLANDT ST.,
NEW YORK,
120 Liberty

RECEIVED

OCT 31 1883
ANSWERED

FILE NO.

D
1883

Edison, T. A. -
Advice

New York Oct. 27. 83

W. O. McDowell
The Edison Corp

My dear Sir,

I know we have
your sympathy in our effort
to establish a Technical
School in Newark, and as one
of your factories is located
at E. Newark, we take the
liberty of asking your sub-
scription to the enclosed list;
as soon as our account con-
tributed is up to \$5000 the
State gives us that amount.

Please return the sub-
scription list when signed
to my address 20 Spruce St. Newark.

Yr. Respt. W. O. McDowell
National Board of Trade, Chairman

D
1883
Edison, T.A.-
Personal

Oct 29 1883

Windsor

Broomer &

New York

T. A. Edison

Dear Sir

I received your
letter from your containing your
enclosures. I have rec'd of you which I
am very grateful indeed. I had
hoped you could send a larger
sum than that as I am in so
much need of suitable winter
clothing, & have no means to purchase
it. Will you not be so kind as to send
me ten dollars more than I could
be made quite comfortable. I should
be so glad if you would, and hope
to hear from you again. Please advise
Miss Mary J. Gifford-Windsor
Broomer & Co New York.

THOMAS A. EDISON, NO. 65 FIFTH AVENUE.		1883-10-29
RECEIVED OCT 31 1883 ANSWER NEW YORK.		Oct 29 1883
Dem du Ed		153...
I am looking over your books this afternoon I find a reference to Comptes Rendus. p 605. Which I think is the article you spoke of yesterday - I have taken the book to my home so that my wife can translate it for me - I will return it in the morning. I looked today in the <i>Stor Library</i> for Bettendorf Arch. Rhvum (2) C22.14 79 But could not find such a publication - I have left instructions there for a search to be made for it. If they have not got it hit is my. I will hunt it out.		
Your Respectfully, J. A. Wilson		

Small note: See your name in the
archives of the Pharmacie

THE

1883-10-30

Consulate General

of the

Orange Free State,

Philadelphia, October 30th 1883.

Professor Edison,

Manhattan

New York.

Dear Sir,

I have received to day a letter from
Richard Vance Esq. of Dublin, Ireland, enclosing
the enclosed letter which I am forwarding to you, with the
request of my forwarding same.

Assuring you that Mr. Vance would
be pleased with a favorable response from
you,

I am, Sir, very respectfully Yours,

Chas. W. Allen

Consul General Orange Free State.

GEO. WORTHINGTON, Editor.

1883-10-31
THOS. H. DELANO, Publisher.



Address all Communications to
DELANO & COMPANY, Proprietors,
R.O. Box 3528.

23 NASSAU ST.,
ROOMS 14 & 15.

New York, Oct. 31st 1883

Prof. Thos. A. Edison

My Dear Sir,

Your favor of the 29th inst.
covering communications from C. A. Lincoln
is received with thanks, we will give the matter
our immediate attention.

We remain

Very truly yours

GEO. WORTHINGTON

Oct 7th 83

E. Buchel
re painting, Presented
to Mr Edison

1883
Acknowledge when possible Com.
etc - also abt phone at
New Orleans Oct 1883

Thomas A. Edison, Esquire,
Grove St.

✓
In testimony of my esteem
and admiration for your great genius
and nobility of character, allow me to
present you with an oil painting which
I send you by Express. It represents a
Louisiana scene, and it is a perfect repre-
sentation of the Cypress swamps of
Louisiana, especially of those around
New Orleans. The painting or rather
locality has a history of its own, which
is fully given I trust by the artist on
the painting, behind it. The artist is

M. C. E. Coulon, One of our best
and oldest artist painters, and a
daring one too.

I would request of you to
please have the kindness to show the
painting to your many friends and
visitors, and put in a good word for the
artist. He is a good friend of mine...
and I would like to do him a good
turn if possible. Also let me know
what people think of the painting, especially
such as have traveled through Louisiana.

In order to show the pic-
ture to the best advantage, place it
in a good strong light. Varnishing
would improve the picture immensely
but, however it should not be varnished
for some time to come say in 6 or 7 months
otherwise it would crack in drying.

Wishing you much prosperity,
success & happiness I remain

Yours Respectfully - E. Buchel,

2nd 3rd 3

James Buchanan - Would it be indis-
cussible if you have made
any improvements on the Phonograph
lately. I am working on one, and
have made some improvements on it
but am afraid to take any patent
out on it as I fear the improvements
are already covered by patents.

Yours Respectfully
E. Buchel.

101 Contre St.
New Orleans,
La.

1883-11-01
Nov 1-1883

The Pump has been fixed
but the wind mill is broken
you will have to send to
Cocoran, the man who made
it to repair it.

Respectfully
A. B. Williams

Nov 3/13
W. J. Gould
re Patent motor of
his invention

1833-11-05
Let him go somewhere
where there is a Consul
Current ~~Address~~ Hotel
284 32. Fulton Street
Brooklyn
J. A. Carlson Esq.
65. Fifth Avenue N.Y.

Dear Sir

Some weeks ago I
wrote respecting my motor
soliciting your opinion
as to the utility of running
small dynamos for telegraph
and telephonic purposes
instead of batteries.

I have come here extensively
for the purpose of exhibiting
it as a sewing machine
motor (or motor for comparable
light machinery) but wish

to test its utility in a broader
sphere of Electricity. Therefore
Can you conveniently loan
me a Small Dynamo that
I may make the experiment and
advise you of the result.

My Motors are very small
(Sewing machine size) Three
inches in diameter and a quarter
inch bucket; as I have not
the least idea of the resistance
of Dynamos cannot without
leaving you say what size
my Motors would run.

I should you be able to
accommodate me I shall be
happy to deposit as a
guarantee for the safe return
of the machine the value of
it and will be greatly obliged

Very truly yours

Wm. L. Gurd

5-2 Nov-83

1883-11-08

Office of
J. M. & M. J. Smith
 Proprietors of
 The Eagle Steam Saw Mill,
 Fort Kent & Westboro
 Greenpoint, November 8, 1883
 Brookfield.

Thomas A. Edison Esq
 Dear Sir

Under our Agreement
 at the time of the lease to grow
 of my Property on Tonawanda and
 Warren Streets, I have collected
 for you as follows

Edward C. & C. Kater	\$7.50
Henry J. Connel	75.00
H. A. Moore	87.50
Mrs. Smith	30.00
Mrs. Moore	12.50
Mrs. Dent	30.00
Mrs. Loring	18.00
" E. T. Railway Storage	\$ 340.00
" D. M. Richardson & Co. Quarters	121.75
Eng. A. C. St. Louis, 1883	500.00
M. H. Rogers quarters last term	
Disbursing 10.00	93.75
	<u>\$ 1034.93</u>

I herewith Enclose ^{1528 1/2}
 in ~~Enclosed~~ ^{to you} ~~to you~~ ^{for} ~~for~~ ^{91/100}
 Dollars the sum ~~of~~ ^{of} ~~the~~ ^{the} ~~same~~ ^{same} ~~as~~ ^{as}
 in ~~for~~ ^{for} ~~our~~ ^{our} ~~agreement~~ ^{agreement} ~~and~~ ^{and}
~~of~~ ^{of} ~~you~~ ^{you} ~~to~~ ^{to} ~~the~~ ^{the} ~~same~~ ^{same} ~~as~~ ^{as}
 Receipt ~~of~~ ^{of} ~~you~~ ^{you} ~~for~~ ^{for} ~~the~~ ^{the} ~~same~~ ^{same} ~~as~~ ^{as}
 James H. Smith

James H. Smith
 Director of Smith
 1872

125
Francis B. Brewster,
Attorney at Law,
No. 214 West Washington Square.

1883-11-12

Philadelphia, Nov. 12, 1883

35
Dear Mr. Brewster,
My Dear Sir,
I have a letter from Mr. J. D. Harrison introducing me to you. He is a partner in the firm of Harrison & Co., and is well known in the city. He is in the city at the present time.

Will you kindly telegraph me at my office whether I can see you tomorrow or next day.

I think you & Mr. Harrison have already had some communication with regard to the subject I am interested in.

Very truly yours

Francis B. Brewster

[ENCLOSURE]

1883-11-09

THE EDISON COMPANY FOR ISOLATED LIGHTING

JOHN HOSKIN,

— LORET FOR —

PENNSYLVANIA, NEW JERSEY AND DELAWARE,
No. 6, Ledger Building, (5th & Chestnut Sts.)

Philadelphia, Nov. 9, 1883

Thomas A. Edison Esq.
New York.

I have the pleasure of introducing to you Mr. Francis E. Brewster - of this city -

Mr. Brewster wishes to confer with you on a visit with regard to Electric lighting in this city, respecting which Genl. Collier has already had some communication with you.

Very truly yours,
John Hoskin

Manassasburg - N. Va. 1883-11-12
J. Africa - Nov 12, 1883.

Mr. Edison

I have a side of water—
power, about three miles out
of the City, fully equal to
100 H.P. which power I am
desirous to bring into the City
& use for the purpose of
grinding.

As it is a thing of speculation
as far as I am concerned, if
I build the mill, the dam,
dig the watercourse, set up
the Turbine & find the poles
to carry the copper rods and
everything except the elect-
rical part, would you
find the latter & a man
to work it for a week or month?

at the end of which I will
pay you, if the thing is a
success, giving you ample
security. At the commence-
ment.

Once prove a thing like
this a success & the whole
Colony would copy because
stealing is so costly.

Please reply by return
as correspondence from
here takes such a long
time.

Yours Resp. 7
J. Lawes.

CW Edison

Wm
North
Pines -

1893-11-12

Can't this be worked after
the manner of your allotropic
Elevators - I refer to the transmission
of power

Charlotte
water power



Dec 11/88

Je R

1883-11-13.



My Dear Sir,

Draft a letter.

The three Companies of the Minnesota National Guard, located in this city are about completing an Armory, to cost, exclusive of the ground about \$10,000. This Armory will be dedicated to public use on Monday Evening Feb. 18. 1884. I am authorized and requested to extend upon an invitation to be present. During the remainder of the week an Armory Fair will be held, to raise money to assist in defraying the expense of building.

Should your engagements or other causes prevent your acceptance of our invitation you will confer a favor on the Committee having the Fair in charge by forwarding in the enclosed envelope an Autograph letter acknowledging this invitation with your Autograph signature appended thereto. It is our intention to frame and exhibit all autograph letters received in response to this invitation and at the conclusion of the Fair to sell them, the proceeds to go into the Armory fund. This favor will in convenience you somewhat perhaps, but your compliance will greatly aid our project which we believe to be a worthy one.

Very Truly Your Obedt. Servt.

Chas. St. Johnson

Lt. Col 1st Regt. U.S. M.

Form No. 1.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. FICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
437	C. H.	12 PM	410

Received at **852 BROADWAY.**

Nov 14 1888.

David G. Syracuse N.Y.

To J. A. Edison N.Y.

Can I meet you in

New York tomorrow if so

where and when

John A. Street

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

GEO. WORTHINGTON, Editor.

1883-11-15
THOS. M. DELANO, Publisher.

ELECTRICAL REVIEW.

(FORMERLY REVIEW OF THE TELEGRAPH & TELEPHONE)

Address all Communications to
DELANO & COMPANY, Proprietors,
P.O. Box 3328.

*33 PARK ROW,
NEW YORK*
I must say this
New York Nov 15, 1883
My Dear Amall, attend

Your favor of the
14th inst. is received with thanks.
I am astonished to hear (in
view of the facts which have
been furnished us,) that Mr
Edison has had nothing to do
with & is not interested in
the controversy in question. You
of course need no assurance from
me to know that our columns
are at all times open to you
to say anything you desire
upon this matter and I
trust you will not take
advantage of it. I hope
to see you soon.

Very truly yours, Worthington

TO
Nov 28/88
W. Tyndall
re Electrical
Engineering.

1883-11-23

I don't write
E

Nov. 23, '88.
Mr. T. A. Edison,
Menlo Park,
New Jersey.

Dear Sir,

I understand that
you will write articles
for several papers, on
electrical engineering.

I have given this
subject all the attention
for some time that
my limited leisure
time would allow. I
am thoroughly interested
in it and shall
study the subject some
way for another. Still
I thought that if I

could get a start,
or some advice, what
first to do. It would
be better than blunder-
ing and wasting both
time and money.
So I have written to you
(Please excuse the lit-
erary) hoping you will
kindly do for me what
you can.

I am 19, at present
teaching, have taught
2 years successfully.

I trust you will
send me the instructions
I need.

Respectfully

W. D. Lyndall

Caldwell, Essex Co.

Nov. 1901.

Sept 25

Walden, N.H.

to Mr. Lyndall

for my good

Thos. A. Edison NY 24
 side for Please find receipt
 enclosed given to me by Mr. Mitchell
 Partner - Mr. Taltavall - They
 are Publishers of the Telegrapher's
 advocate at 76 Cortland
 St - Mr. Mitchell made good
 use of the money & requested
 me to thank you - He is
 now in Pittsburg or was
 yesterday - I found the
 strike over when I got back
 to hall the day you gave
 me check. You told me
 go to Mr. Stokes to get
 some. I didn't do it on
 that account - There are
 several fires out &
 some of the Boys are going

(1883)

without food. Can I have
 your permission to ask
 Mr. Stokes for a little
 aid now. Will do a
 heap of good - Please
 answer if you can
 give me a note to Mr
 Stokes.

Yrs Respy
 Dennis F. Brown

Waiting ans
 Write Call for answer
 in morning at 9 - please
 leave ans. D.F.B.

94

PLEASE ADVISE RECEIPT OF NO.

1883-11-28

John P. Rogers & Co.

EXPORTERS AND COMMISSION MERCHANTS,

No. 62 India Square,

BOSTON.

Nov 28 1883

Thomas H. Davis Esq.

My dear Sir,

He had the pleas-
ure to receive your card, this
morning, which I am sure
will be of great service to
you in your business. I am
glad to hear that you are
well and hope you will
continue to be so. I am
very much interested in
your business and hope
you will be successful in
all your undertakings. I
am sure you will be.
I am, Sir, very respectfully,
Your obedient servant,
John P. Rogers & Co.

[FROM NICHOLAS STILWELL?]

1883-11-29

Mendo Park

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

THIS COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender, and the sender agrees to hold the company harmless for errors or omissions in transmission or delivery of messages, beyond the amount of loss paid thereon, and in any case where the company has proceeded in writing within sixty days after sending the message.

THIS IS AN UNRECEIVED MESSAGE, and is delivered by request of the sender, under the conditions stated above.

THOS. T. ROCKWELL, General Manager. ROYAL GREEN, President.

SENT BY <i>H. B. Knickerbocker</i>	SENT BY <i>H. B. Knickerbocker</i>	SENT BY <i>H. B. Knickerbocker</i>	SENT BY <i>H. B. Knickerbocker</i>
---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------

Received at **852 BROADWAY.** *Nov 29 1880*

Mendo Park

To Mr. Edison

65 Fifth Ave

Mrs. Blavatsky got the keys and has full possession of laboratory soon as I received message from Mr. Insell that it was all right

This telegram has just been received at the office in 852 BROADWAY, just below

DIRECT WIRES. *N. Stilwell*

Electric Pen
Dup. Ink.

OFFICE OF 1883-11-30

H. O. STRATTON,

NEW ENGLAND GENERAL AGENT FOR

HENRY DISSTON & SONS'

CIRCULAR, MILL GANG, CROSS CUT AND HAND SAWS, FILES,
SIDE FILES, GUNNERS AND CUTTERS, SWAGES &c.

DIXON'S LEAD and LUMBER PENCILS. DIXON'S AXLE, MACHINE and BELT GRASSES.

H. H. BARTON'S "BEST" AMERICAN FLINT and GARNET PAPER and EMERY CLOTH.

35 OLIVER STREET.

BOSTON, Nov 30 1883

A Edison Esq
Dear Sir
Your favor 28th
inst. is recd - In reply
I enclose \$10.00 for
which please send me
the amount in the following
inst. please forward
by Adams Express -
Thanking you for your
kindness -
Sincerely
H. O. Stratton

SAMPSON SILVER MINING COMPANY.

LOCATION OF MINE:
Mintak Mining District,
PARLEY'S FURNACE
BURNET COUNTY, UTAH TERRITORY.

Secretary's Office,
123 East Temple St.,
SALT LAKE CITY, U. T.

November 30th 1883.

We are not well versed in the laws of
Electricity. I would make very little
progress, Dear Sir,

If it would not cost you too much time, I should like to know, whether
your numerous and great inventions were based on scientific reading
or were just the result of a casual thought. I am a Hollander, and
last night I had a dispute with some American gentlemen about you.
My judgement was, that the Mr. Edison, who made the greatest
inventions of the age on the subject of electricity, was a well developed
scientific man and knew electricity galvanism etc., its laws and facts
thoroughly. The impression of the other gentlemen however was, that he
discovered your quadruplex, without knowing the laws of electricity
and only based on your experience as an operator.

With doing so you will oblige in the utmost degree dear Sir

Yours most respectfully
J. L. van Praag
P. O. Box 614
Salt Lake City
Ut.

To Mr. Th. Edison
Shenou Park, N. Y.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

Form L.

RECEIVED
NOV 30 1893
ANSWERED
Nov 30/93
New York, 11/30 1893
FILE No.

Mr Edison.

Please let me know by
11.30. Today. Of White morning
6. Wall St. ~~Whether~~ if it moved
or definitely answer to be
The as your affairs between
4 & 5. Sorry I can not
wait this morning.

Yours
W. J. Miller

Box 4430

Supreme Court.

Nov. Term. 1883.

Seyfert.)
)
v)
)
Edison.)

OPINION by

Beasley, Ch. Jus.

Edison T. A. Personal

Supreme Court.

Argued June Term, 1883.

Lucy P. Seyfert.)
)
vs)
)
Thomas A. Edison.)

Motion for a new trial.

Vroom, for rule.

Strong, contra.

Beasley, Ch. Jus.

The plaintiff sued in the character of Assignee of a note drawn by the defendant, and the defense which was set up consisted of two facts, first that the note was taken after maturity, and second that the defendant had made it for the accommodation of the payee.

The former of these circumstances was not proved. The plaintiff was examined by the defendant and all that she testified to was that she could not remember when the paper came to her hands: she said she had taken it for full value but could not fix the date of such transfer. There was nothing in the case to overcome the legal presumption that the instrument had been passed to the holders before maturity. The burthen of proof on this subject was on the party who relies upon the fact as a part of his defense. 5 Dutch. 521: 69 N.Y. 370:

Nor would the fact, that the note came to the plaintiff after dishonor have helped the defense. It appeared that the paper was made by the defendant without consideration, and as an accommodation of the payee, but that circumstance joined to the fact, that such payee transferred it after it fell due (if

2.

*then was
an accommodation
note
in his name
and it is*

we were to assume such to have been the case) did not, in fact, factopar the right of recovery. The paper was for the general accommodation of the payee: there was no pretense of any misapplication of the note: but the payee had used it, as he had a right to do, in the course of his business. There was nothing in the terms of the agreement under which the payee took this accommodation that prohibited him from its use after the pay day of the instrument. Professor Parsons defines the legal rule on this subject in these words, viz: "A person who takes accommodation paper after its dishonor, in good faith and for value, may recover from the accommodation indorser or other party lending his name and credit. So too, as we have seen, the holder of an accommodation note, without restriction as to the mode of using it, may transfer it either in payment, or as collateral security for an antecedent debt: and the fact that he did so will be no defense to an indorser".

The result is that the facts set up were not proved, nor would they have constituted a legal defense if they had been established.

Nevertheless there must be a new trial, inasmuch as on the proofs the plaintiff did not show herself to be entitled to a judgment in her favor.

The plaintiff was a married woman, her husband being the payee for whose accommodation the note in suit was drawn. The note is dated and is payable in New York, and it appears to have been transferred to the plaintiff in the State of Pennsylvania. There was no proof at the trial, so far as the case before this court shows, with respect to the law in either of these States regulating the status of married persons. For the

3

purposes of this motion, we must look upon the relationship of this husband and wife as controlled by the rules of the common law, and that, consequently, the note in suit as remaining the property of the husband, the transfer to the wife being a nullity. Upon the facts stated the paper, in contemplation of law, is the property of the husband, and as the maker signed it for his accommodation, no right to put it in suit is shown. Let the rule be made absolute.

2 Cents Per.
Imp. Ind.

1883-12-01

PLEASE ADVISE RECEIPT OF NO.

John H. Rogers & Co.

EXPORTERS AND COMMISSION MERCHANTS,

No. 62 India Street

BOSTON, Dec 1 1883

Dear Sir,

In reply to your
letter of the 29th inst., we
would suggest your correspon-
ding with Collier & Son's, 211
N. 11th St., New York, as being very
reliable parties & we shall be
very glad to obtain the Ind.
here, as we would not give a
penny more for all others made.

Very truly,
Yours

J. H. Rogers

1883-12-01

Office of WOERISHOFFER & CO.,

No. 54 Exchange Place,

New York,

Dec 1 - 3

P. O. Box 3105.

My dear Edison,

I called to see you
today & advised he had a read
a decision from Sup Ct of New York
in the Seiffert case.
on an important point the decision
is adverse to you, but still it prevents
a new trial which at least gives
little & throws enough doubt on it
to make it possible to make some
compromise.

I now advise a compromise
if a good one can be made
without making any offer or
indicating any basis of the
result. I hope you are pleased in
Philadelphia. Now Mrs Seiffert
feels respecting this decision
I will advise you of result.

Yours truly
J. Seiffert

g. f. G

Weinschönau

SOCIÉTÉ ANONYME AU CAPITAL DE DEUX MILLIONS

Divisé en 4.000 Actions de 250 francs

Siège Social, à Paris : 8, rue Galileo. — à New-York, 55, 25th Rue.

Eden Muse

(America) Co., Ltd.

2nd Journal, 1883

NEW YORK

I have received your portrait.
Please let me know the day and hour
when you will come and rest for the
soul; we have already commenced
the figure and are waiting for
you to finish it.

Yours truly
Stenochus

50 W. 24th Street

M. Edison

New York. Next Monday
will do. I shall
be only want me for
2 hours &

GARRETT D. W. VROOM,
COUNSELLOR AT LAW,
TRENTON, N.J.

1883-12-03

Send an affidavit
will sign

E Dec 3,

1883

Dear Sir:-

Mr. Conenhouse the
Attorney of Stephen J. Mucker
has noticed for trial at this
coming term of the Middlesex
Court the case of Mucker v. Ed-
wards & Co, in which case you
have been made a defendant -
I have served Mr. Conenhouse
with notice to strike your name
out as a defendant, on the
ground of misjoinder. In
order to sustain this motion
I shall want an affidavit

GARRETT D. W. VROOM,
COUNSELLOR AT LAW,
TRENTON, N.J.

1883-12-03

2

from you to the effect that you
were not at the time the de-
clarations were given a part-
ner of Edward T. Edmonds, or
May 25. 1876 and that you were
not so interested in his busi-
ness, that is by sharing profits,
as to constitute you a partner -
If these facts can be shown to
be true, please advise me at
once and I will prepare an
affidavit and send it to you
to be executed -

In the case of *Seppert*
v. *Edison*, the Supreme Court
granted a new trial at the
November Term, upon
a failure of proof on the part

1883-12-03

SARNEY D.W. VROOM,
COUNSELLOR AT LAW,
TRENTON, N.J.

2

of Tappan's Attorney than anything
else. I have seen Col. Reiff &
explained the whole matter
to him and advising with him
as to the course to be taken -

I enclose my account
up to this time -

Yours very truly,

C. D. Vroom

T. A. Edison Esq. - Houston, Dec. 2, 1883

You will remember the T. A. Edison
case only involves \$100 - and will
not warrant any very great out-
lay -

(Telegram?)
T. A. EDISON,
65 FIFTH AVENUE.

1883-12-04.

New York, December 4th, 1883

U. H. Painter, Esq.

Box 88,

Washington, D. C.

Friend Painter:-

The map of the United States came to hand yesterday. I am very much obliged to you for same.

I cannot find that letter which you state was written to you. Johnson says you only thought it was written to you, and he informed me that when he hunted for it he could not find it either.

Very truly yours,

Thos Edison

E. G. - says he did find it.
it relates to Mrs.
Parley's letters.
It is on file
U H P

THE WESTERN UNION TELEGRAPH COMPANY.

THIS COMPANY TRANSMITS and DELIVERS messages only on condition that the following conditions shall be observed:—
 1. Messages can be guaranteed against loss only by depositing a monetary bond in the amount of \$1000 for each message, and the company will not be held liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of such paid thereon, nor in any case where the claim is not supported in writing within sixty days after the date of delivery.
 2. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions stated above.
 3. REG. U. S. PATENT OFFICE, 1878.

NUMBER 304 BY 17 pd CHARGE 1730

Received at 855 BROADWAY Dec 5 1888

Date Baltimore

To Edison Light Co

*Arrive new York Evening send word
 to fifty three Irving place if
 you can come delmonico's at seven
 Remeny*

This telegram has just been received at the office in 558 BROADWAY, just below Fourteenth Street, where any reply should be sent.
 DIRECT WIRES.

Office of SUPT OF CONSTRUCTION,

1883-12-05

AMERICAN RAPID TELEGRAPH COMPANY,

542 PEARL STREET.

New York, Dec 5th 1888

Thomas A. Edison Esq
 65 Fifth Ave.
 Dear Sir

Your favor of the
 4th ult. recd. I will call at
 your office within the next two
 or three days. What hour will
 best suit you?

Respt. Ainsie
 W. L. Smith
 543 Pearl St.

11 o'clock any day
 E

1883-12-05

GROSVENOR F. LOWREY,
 N°3 Broad St. (Drexel Building)
 New York.

Dec 5th 1883

My dear Edison

OK

The case of Smith
 & Edison is likely soon to come
 on for trial - I recommended
 Kent & Auerbach as attorneys
 in place of Mr. Anderson.
 - I think it due to you to
 ask if you still wish them
 to continue, or whether you
 would be better satisfied
 to have other lawyers in their
 place - You will under-
 stand that I put this ques-
 tion to you as a matter
 of delicacy, & so that you
 shall not feel constrained
 to leave the case in their

1883-12-05

GROSVENOR F. LOWREY,
 N°3 Broad St. (Drexel Building)
 New York.

2) have as long as you
 think it of interest to
 do.

By AP/2
 G. F. Lowrey

1883-12-07

W. C. Barlow, President
New York Steamship Company

Chas. C. Emery
Engineer & Captain

J. M. Barlow, Treasurer
W. C. Barlow, Secretary

The New York Steam Company

22 Cortlandt Street

New York, 7 Decr 1883

Mr. A. Edison, Esq.,

65 Fifth Ave

New York.

Dear Sir,

Yours of 6th received

and I enclose paper as requested.
Can not you make an appointment to go over the place with me yourself?

Very truly yours
Chas. C. Emery
Eng & Capt.
M.

Box of E. for Museum.

1883-12-10

10th December 1883

Dear Sir

We have been waiting for you this morning as you wrote that you will come: please let me know when you can come most ated OYge

Yours truly
Wm. C. Barlow

Wednesday morning 10th Decr
Had to ~~leave~~ was away
Edison

Painting prevented Co E

1883-12-10

1883-12-10
Wrote & say painting finished
I think I am very good
piece of work at the hanging
in my office at 6.00 & the
New Orleans Dec 10 1883

I thank you for it

Mr. Thomas A. Edison ^{did} ~~not~~ ^{make some}
Present

Dear Sir: I regret in connection with it I have mislaid the letter about the 23rd Oct.

last. I sent you a present of a novel
Landscape painting, with a letter
informing you of it. Have not re-
ceived, & had any news of it since.
but was not at the time anxious about
it now I know that you are very
busy, and have not much time to
spare. I went to see the Express
about it and they told me they did
not know if it had arrived or not.
their Express not going to Manila Port,
fearing that some accident has

I have been thinking of you
 very much lately. I thought
 I would write to you a little my
 doubts and anxieties about it and
 hope you will excuse it.
 I am your friend
 and I trust your friend
 Yours Respectfully
 E. B. Brooks
 101 Oak St
 New Orleans

[Handwritten practice script on lined paper]

Office of
NATHANIEL S. KEITH,
ELECTRICAL ENGINEER,

EXPERT IN ELECTRICAL & CHEMICAL PATENT CASES.

ROOM 4B, No. 237 BROADWAY,

New York, Dec. 19th 1883

Thos. A. Edison Esq.
65 5th Ave. N.Y.

Dear Sir:

Thanks for your favor of
yesterday's date through Van Nostrand.
I enclose, as printed above, my
address. Put it in your "Address Book".

Yours, truly,

N. S. Keith.

OK
RF

Form 1.

The Bankers and Merchants Telegraph Co.

1883-12-13

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been accepted to by the sender of the following message. Errors can be charged against the sender of a message sent to the sending station for completion, and the Company will not hold itself liable for errors or delays in transmission or delivery of UNREPEATED MESSAGES.

This message is an UNREPEATED MESSAGE, and is delivered by receipt of the sender under the conditions named above.

A. W. DODGE, President.

G. S. MOFF, Genl. Supt.

J. G. CASE, Secy.

NUMBER	SENT BY	RECEIVED BY	DATE
21	W.B.	W.B.	12/13
Dated: 52 EAST 14th ST.		Rec'd at: 52 EAST 14th ST.	
To: Mrs. A. B. Smith		Under Morton House	

Was absent when messenger arrived
I will be at your office as of
your name after four
this pm, please answer
W.C. Smith

Electric Pen

Dug, July

OFFICE OF

1883-12-13

H. O. STRATTON,

NEW ENGLAND GENERAL AGENT FOR

HENRY DISSTON & SONS'

CIRCULAR, MILL, GANG, CROSS CUT AND HAND SAWS, FILES,
SIDE FILES, GUMMERS AND CUTTERS, SWAGES &c.

DIXON'S LEAD and LUTHER TENGELS, DIXON'S AXLE, MACHINE and BELT OREASE.

H. H. BARTON'S "BEST" AMERICAN FLINT and GARNET PAPER and EMERY CLOTH.

55 OLIVER STREET.

BOSTON, Dec 13 1883

Hand about

J. O. Clancy

*Referring to your
favor Nov 28th I wrote
you Dec 23rd enclosing
at the time \$2.00 and
requested you to send
me the amount in
Edison's Duplicate book
since which time I
have not heard from you
or the inst. Please
advise if you forward
same. and oblige*

H. O. Stratton

1883-12-16

558 W 22nd St. N.Y.
Dec 16 - 1883

My Dear Susan:-

I want to see you & get
something about Maria's letter
in course of today & am
thinking also interesting. Will
call at 65 tomorrow
if you are not to be in, please
send word when I may see
you on Tuesday.

Yours most truly
A. C. Campbell

May go away tomorrow
will be here until 6
pm tonight

1853-12-16

Newburgh Dec 16th 83

Prof. H. L. Edison

Dear Sir:

Last week I received a copy of the very much interesting in which I saw a notice stating you would write an article for the Youth Com-
passion on "A new profession for young men" the advantages & opportunities in the business of electrical en-
gineering. I ordered the paper by mail but did not get the right number. I am a machinist by trade and since your wonderful discovery I have ^{seen} that electricity is the coming power and have read all I could grasp on the subject. Now that they are going to locate a plant

in our city I am more interest-
-ed than ever. But to the point -
is there any thing published
that will give me a good
theoretical knowledge of the way
plants are established & worked?
& would it be necessary to serve
an apprenticeship in order to
get a ~~situation~~ paying situation.
I have written several parties
for this information but have
not received satisfactory answers.
Knowing your time was valuable
I would have written you
first but thought you would
be too busy to answer. But as
a last resort I appeal to your
generosity by assuming at your
convenience you will oblige
Yours &c M. A. Lawrence

% Sweet Orr & Co. New York
NY.

W. H. SNELL

1883-1884-1885
S. F. MEHARD

City Engine Works,

Court Street, above Second.

SPECIAL ATTENTION GIVEN TO REPAIRS.

Reading, Pa., Dec 18th 1883

Mr. Thomas Edison

Dear Sir

Permit me to offer your
Photographs of ~~my~~ ^{my} ~~son~~ ^{son} ~~Edison~~ ^{Edison} ~~and~~ ^{and} ~~his~~ ^{his}
who was named after yourself, he
being nearly three years old, hoping
you will receive them.

Yours Truly
John Estlin

Answers & say recd
photo, & thank him for
honor etc



Burrell & Whitman.

Little Falls, N.Y. Dec. 21st, 1883.

Mr. Thos. A. Edison,
65 Fifth Ave., N. Y.
Dear Sir:-

I have not forgotten this as soon as
I get my electric light system in
my house and want to work up several
industrial processes of which this
will be one

Have you been able to give consideration to the idea of separating cream from milk by some method which will accomplish the result quicker than the use of the centrifuge or the ordinary methods employed in "setting" milk? Any process by which the cream can be separated from 8,000 to 10,000 or 12,000 lbs. of milk in 30 minutes or one hour, would be of great practical value.

It is the necessity of the age in the milk department of agriculture. It is so much required, that it seems to me some one must succeed in accomplishing it. I have noticed that when a thing becomes a necessity, that then usually the solution is close at hand. Can you not give the matter some thought? I do not care whether electricity is the agent or what, so long as it is only done in an economical and in a harmless way.

1,250,000,000 lbs. of butter are made annually in the United States; From this you can judge what the product is throughout the civilized world, and it takes on an average, now, 25 lbs. of milk to make 1 lb. of butter, whereas, if all the cream globules could be secured, it would only take an average of 18 or 19 lbs. of milk to make one pound of butter. This item alone is one of immense importance.

By the use of the centrifuge we obtain 5 lbs. of butter from 100 lbs. of milk, but a machine that sells for from \$200 to \$400 only has a capacity of separating the cream from say 500 lbs. for the smaller size, up to 1,200 lbs. ^{per hour} for the larger sized machine, and it is valueless for our large creameries receiving as they do, from 10,000 to 20,000 lbs. of milk a day.

Should you at any time be passing through Little Falls, we will be greatly pleased to have you stop here and see a cheese and butter factory in full operation. We have two centrifugal machines right here in the village, and you can get an idea of the needs of the present day. To whom shall we apply, if not to you?

Very respectfully yours,

A. H. Burrell

39-

*It is as good
as any other*
Roboken N.J. 22/13
Mr. Thomas A. Edison

Dear Sir.

Mr. Geo. D. Inghram
Chief Elect' of N. H. Tel. Co.
requested me to ask your
opinion, of the Stevens
College of Hoboken N.J. or
which College would be the
best to enter to become an
Electrician, and oblige
yours truly.

6 1 0
G. W. Entler
H. B. 2. Garden St.

1883-12-27

Sprague - will you
please give me bit of
info regarding Dynamos
New Orleans December 27th 1883.

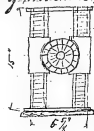
Mr. T. A. Edison

265 Fifth Avenue, N. Y.

Dear Sir

I am glad to hear that
you have received the Oil painting sent
you. In reply to your question, I would
state that I did make some inquiry about
the Phonograph. I have made some im-
provements on it, but am afraid to get out
a patent on it, on acct of cost & the cost

of having all other improvements in the Phonograph investigated, beside it might not amount to much. I think that you could let us know what the latest improvements in the Phonograph are, better than any one else; beside where I could get such an improved Phonograph, where they are manufactured, or at least let us know where we could get a drawing of one.



My brother is making an improved Gramme dynamo-electric machine of the following dimensions: with 2 upright Bobbins, electro-magnets size, along $1\frac{1}{2} \times 2 \times 9 \times 15$ long. We would also like to know what price is asked for 5 or 6 of your size of coil $2\frac{1}{2} \times 3$ along 16 Bobbins. Incandescent lamps, how long they will $3\frac{3}{4}$ " outside diameter of carbon ring. 3" inside diameter. ^{they} should the carbon become exhausted, could with copper wire be replaced without much cost to a depth of $\frac{3}{8}$ " all around for each Bobbin.

Please let us know if the above machine will do, and how many of your incandescent lamps with double carbon, it will run.

and how much, and what size wire would be suited to wind the Magnets and the

We would be very much obliged to
you if you could give us an answer
to our inquiries at your earliest con-
venience.

Yours respectfully,

Emile Buchet

101 Conti Str.

N. O. La.

A large, stylized handwritten mark, possibly a signature or initials, consisting of a vertical line and a large 'M' or 'W' shape.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE.
NEW YORK.

Legal (1883?)

Form 24.
W. D. RICH,
SUPT OF CONSTRUCTION.

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Address reply to _____

Tomhinson

Bowmans man came in to 65 asking
for Russell He says Carpet went for big
room not large enough He wants instructions
better go there for at once & get Carpet
from Gregg -

Edison

Edison Trust

These figures
are correct.

Received the sum of £532. 6. 5
being my proportion of the sum of
£1129. 16. 10 being all the money now in
your hands as the Trustee of the deed of
assignment of 16 July 1880 for distributed
according to the terms thereof And I hereby
agree to release and hold you harmless
from all actions proceedings claims &
demands whatsoever for or in respect of
the payment to me of the abovesummed
sum.

£532. 6. 5.

J. A. Edison

To Mr. A. G. Reuchaux.

(1883)

Mr Edison -

Julian Bellin
of ~~Delaware~~ ^{of Delaware}

I suggest that
 let me draw a formal
 power for you - that
 you sign it before
 McDouloff as notary -
 that he then go before
 Aug. Rep. Council &
 have it stamped &c -
 If you wish this

§ 133 Deputy Tax Comrs. To be appointed.
§ 134 - " " " " To assess taxable
property, return statement to Tax
Comrs. 90 days to assess property on
1st Monday of Sept.

§ 137 - Comrs. to keep Books containing in
detail assessed valuation of property
Books to be open for examination
inspection from 2nd Monday of May
until 1st Monday of May - Then
closed so that assessment rolls may
be made.

§ 139 Comrs. may diminish at any time
before the closing of the books of
Annual record on 1st day of May
the assessed valuation of real estate

§ 140 - While Books are open for inspection
application may be made to reduce
Tax

§ 140 - Certain allowances review action

§ 142 - Any reduction must be made
within six months from the
delivery of the Books to Review
of Taxes for collection.

§ 145 On 1st of May assessment rolls the
prepared from Books of Annual record
on 1st Monday of July must be delivered
to W. B. Aldermen.

§ 146 W. B. of A. to deliver Books to R. T. D.

(1883)

?

New York Supreme Court
City and County of New York

Samuel D. Mott
Plaintiff

Against

Thomas A. Edison
Defendant

The defendant answering the
Complaint of the Plaintiff
herein alleges, for answer to
the first cause of action set
out in said Complaint;

First, That he has no knowledge
or information sufficient to
form a belief as to the allegations
contained in the first paragraph
of Plaintiff's first cause of action.

Second; That defendant has no
knowledge or information suffi-
cient to form a belief as to
any of the allegations contained
in the second paragraph of said first
cause of action. Except that defendant
admits that on or about the 20th
day of June 1882 Plaintiff was
as defendant is informed & believes
employed by one Ernest Beckerman

with whom defendant had entered into a certain contract hereinafter set forth, and that on the 23rd day of June 1882 plaintiff sailed for Europe with said Beicherman.

Third, that defendant had prior to the 19th day of June 1882 made certain inventions relating to a system of running rail roads by electricity, and that on said day plaintiff defendant had entered into a certain contract with one Charles W. Havemeyer and the said Ernst Beicherman in words and form following, to-wit:

Here take in Contract

Fourth, that hereinafter set forth ~~between~~ ~~Beicherman~~ ~~said~~ ~~for~~ ~~Europe~~ as stated in the Sixth Paragraph of said Agreement defendant agreed to send to Geneva at the expense of the said Beicherman Havemeyer, as soon as he conveniently could.

a skilled workman from his, defects, laboratory understanding the manufacture ^{of the} ~~understanding~~ the device used in defendant's system of Electric Railways and their operation, to & in the instructions necessary to the commencement of the manufacture of the device and the operation of the system;

that a few days before the said Reicherman called for Europe he came to defendant and stated that he had engaged Plaintiff ^{subject} to defendant's approval to perform the duties ^{mentioned in the sworn declaration of said agent} to perform the duties ~~to be~~ ^{performed} by defendant. Had agreed to send to Geneva a skilled workman from his laboratory to perform at such time as the defendant conveniently could, and asked defendant if he would agree to plaintiff's employment, ~~if plaintiff was~~ that defendant at once refused to ratify such employment & insisted that plaintiff should not be employed, giving as one of his reasons being that there was

- And
no means to send a man to
Geneva, that plaintiff was not
a skilled workman, and had in
fact never been employed as
a workman in defendant's
Laboratory, and as the Experts
of defendant did not understand
the manufacture of the dimes
used

1883,

New Jersey Supreme Court

Middletown

Edward T. Gifford et al.

vs.

John

Stephen J. Mucker et al.

vs.

In Case

State of New York

County of New York ss.: Thomas A. Edison of the City, County and State of New York, being duly sworn according to Law, on his oath saith, that he has been made one of the defendants in the above cause, that from the copy of the Summons he reads upon this Deposition it appears that he was made such defendant upon the ground that he, this Deposition, was or had been a partner in business with one Edward T. Gifford, the other defendant, and that as such defendant partner this Deposition was liable upon the two promissory notes signed by Gifford and Company and to receive the amount due upon which said notes this suit long being brought. And this Deposition

said that the joining of this deponent
in the said action with the said Edward
J. Gilleland is an error, that this de-
ponent never was in partnership with
the said Edward J. Gilleland, nor in
any way directly or indirectly inter-
ested in the business of the said Gil-
leland, as to make this deponent
a sharer in the profits thereof or in
any way liable for the debts of the said
Gilleland. And this deponent fur-
ther swears that he has no knowledge,
whatsoever of the notes in question in
this suit, that he never heard of them
until in July 1882 when he received
a notice from the attorney of the
said plaintiff stating that he had
said notes in his hands for collection.

Sworn and subscribed
before me this _____ day
of _____ A.D. 1883

Thomas A. Edison

without that paper
after being here so

long. I cannot that
G. E. Gouraud

just that it ^{requests Mr. Chase} ~~is~~
to be sure to
appear ^{at the} ~~at the~~ meeting

only & I rely on

your giving it go
prayer attention

Yours very truly

W. H. Garrison

My dear Emma

W

"The Liberator"
Goodman & Co. 151 N. 1st Street.

My dear Emma

Please do not

hesitate to go to

Leakington tomorrow!

There is little or no

work that I shall

go by that bridge

main and I should

be ashamed for

any body coming

if I go back

(1883)

Ampere Indicator.

An instrument for indicating the number of amperes passing in an electric light circuit and reading from one to one thousand amperes.

Disc Dynamo.

The anago copper disk broken up into radial bars and so connected and arranged with a commutator as to obtain powerful electric currents of higher potential than with a simple disc - the potential being proportional to the number of radial sections into which the disc is cut up. The specimen shown gives six volts and one thousand amperes.

Rheostat of Electric Lamps.

It consists of ~~the~~ ordinary Wheatstone Bridge with plugs and blocks - the blocks being bridged across with electric lamps, instead of resistance coils, capable of carrying one and a half amperes. The total resistance of the box is 1700 ohms.

Motophone

An apparatus for illustrating the power of the vibrations of the human voice. A diaphragm vibrating vibrated by the voice gives a reciprocating motion to a ball which acting upon a ratchet wheel gives visible motion to a small mechanism.

Hyden Jaws in Vacuum Chamber
 It consists of glass jars ~~connected~~^{connected} within and without
 with ~~metallic~~^{metallic} food, the interior of the
 jars being exhausted of air to
 a millionth of an atmosphere
 under which conditions the jaws
 become constant in all weathers
 and have an enormously increased
 capacity & power of holding the
 charge over the ordinary Hyden
 Jaws.

Automatic Electric Meter.

An apparatus by which the
 amount of current supplied
 to electric lamps is automatically
 indicated upon a dial like
 that of a Gas meter. This apparatus
 consists of a beam like that of
 a weighing scale having at each
 extremity a plate of amalgamated
 zinc immersed in jars containing
 similar plates and filled with
 a solution of Sulphate of Zinc.
 The electric current passes between
 the two plates in each cell. The
 zinc suspended to one end of the
 beam diminishes in weight by
 electrolysis while the plate on the
 attached to the other end of the
 beam receives a deposit of zinc
 by the same means. The beam is
 therefore gradually tipped by this
 gain of weight of one of the plates
 and loss of weight from the other
 until it touches a contact point
 which closing a local circuit

operates a current reversing apparatus which reverses the direction of the flow of the current in the cells and then the plate which had previously lost zinc now receives the deposit while the one that had gained a deposit now loses it and the beam moves in the other direction & when it has reached a certain position comes in contact with a point which again reverses the flow of the current. At each reciprocation of the beam counting mechanism connected with a local current is actuated and indicates the number of reciprocations. This instrument is absolute in its measurements and will measure currents so weak that six months will elapse before one movement of the beam.

Standard meter used by the Edison Electric Light Co.

This consists of a closed case similar to a gas meter containing two bottles filled with a solution of sulphate of zinc and having immersed therein two zinc plates in each bottle. These bottles are shunted round German Silver strips of the same character and of known resistance interpolated in the circuit so that a definite amount of current passes between the electrodes immersed in the solution depositing zinc upon one plate and

taking it off the other. One bottle is used to check the other and the loss or gain of the plates being taken determined once a month and the relation between the amount of light the number of amperes and ~~the~~ volts being known the change in weight represents the number of lamp hours which the use of the light has given his lamp. As the resistance of conducting fluids diminish with rise of temperature and as metallic conductors increase their resistance by rise of temperature there is placed a small coil of copper wire in the same circuit as the bottle which is so arranged that any diminution of resistance in the bottle by reason of a rise of temperature is accurately compensated for by an increase of resistance in the copper wire. Thus any error due to rise & fall of temperature of the room in which the meter is placed are eliminated.

Stock Quotation Printing Machine
 These are the well known Universal Stock Quotation instruments which have been extensively used for a number of years throughout the country.

Pressure Relay

This consists of a simple apparatus whereby telegraphic signals are translated from one circuit into another and of a strength and character

corresponding to the sending circuit. It consists of an electro-magnet connected with the transmitting circuit the armature of which presses upon a button of pulverised carbon the second circuit being connected to the armature and carbon. Any increase or diminution in the strength of the magnet produces a corresponding rise or fall of pressure upon the carbon button and this in its turn produces a rise or fall of current strength in the second line into which it is interpolated. Thus signals of the same character and strength are translated from one circuit into the other without the movement of any mechanism as in the ordinary magnetic repeater.

Phonograph in combination with a Telephone

This consists of a phonograph, worked by an electric motor, and the mouth piece of which is connected with a Loud Speaking Telephone which takes the place of the person speaking into the phonograph. Owing to the great volume of sound given out by the Loud Speaking Telephone the voice of the distant speaker is easily recorded upon the phonograph and reproduced with very little loss of volume.

Speaking Phonograph.

This consists of a Phonograph with two separate talking diaphragms

on opposite sides of the cylinder and a double thread so that two persons may speak to the Phonograph simultaneously, and carry on a conversation the records being separate.

Hand and Automatic Musical Telephone

This consists of a Riess Transmitter and a large sounding Board the vibrations being transmitted to it by means of a cylinder of chalk and run upon the motograph principle and capable of reproducing music over a long distance with two hundred miles in length.

Electro motograph Principle

This is a simple apparatus for illustrating the principle of the electro-motograph. It consists of a plate of metal over which is laid a piece of moistened paper and a strip of metal. The plate is connected to one pole of a Battery and the strip of metal to the other pole. On passing the ^{metal} strip over the paper scarcely any friction is felt but upon the interruption of the current breaking of the current the normal friction of the paper returns.

Transmitters & Recorder of the Domestic & American District Companies.

These are the Messenger Call Boxes for transmitting signals to a Central Station & recording the same.

2

Edis Speaking Telephone

This consists of a diaphragm in front of which is a cylinder of Chalk rotated by hand by a motor. To the center of the diaphragm is attached an arm which acts upon the Chalk with considerable force. As the Chalk is rotated the diaphragm is drawn forward in the direction of rotation. Upon the passage of a wave of current through the arm and the Chalk function is almost entirely eliminated and the diaphragm goes back to its normal position thus giving out a sound wave. This action takes place with such great rapidity that the instrument is capable of producing the highest notes of the Piccolo with a strength often greater than the Piccolo itself. This arises from the fact that the electric current does not have to perform the work of moving the diaphragm but acting by its presence controls the power of the hand on the electro-motor moving the Chalk. Thus it is easy to reproduce the sound of the voice with a volume many times greater than that of the person speaking to the transmitting telephone.

Photograph Telegraph Relay

This is the application of the electro-magnet principle to the ordinary Telegraph Relay.

Magnetic Iron Separator

This is an instrument for separating magnetic iron sand from its gangue. It consists of a Hoppen which is filled with sand having at its extremity a slit - long and narrow through which the sand falls in a continuous fine sheet in front of a powerful electro magnet. This magnet acting upon the magnetic particles in the sheet of sand causes them to alter their trajectory and fall upon one side of a partition. The gangue falling on the other side. None of the magnet particles comes in actual contact with the magnet as the velocity attained in falling carries them past it.

Etlescope

Apparatus which gives a spark between two carbon points in a dark box, when brought in the vicinity of a coil of wire in which the current is intermittent. The cause of this spark is not known as no effect can be produced with the force passing through these points with any known detectors of electricity. It has no effect on the Galvanometer, frog, the telephone, the Electrometer, reflecting galvanometer, or other apparatus for detecting electricity, although the force is sufficient to bring carbon particles to vivid incandescence.

Apparatus for indicating the proximity of odors upon a reflecting galvanometer, consist of a Carbon Button between two electrodes interpolated in the circuit of a Wheatstone Bridge. A strip of wood or hard rubber presses upon one electrode while the ^{electrode, at the} other ^{extremity} is arranged with an adjustable screw. The Reflecting Galvanometer is placed in the Wheatstone Bridge and the pressure upon the Carbon Button is so adjusted that no current passes through the Bridge. If it is desired to detect minute quantities of alcoholic odors vapors the strip of wood or vulcanized Rubber may have been previously coated with a thin coating of shellac and well dried. This coating of shellac tends to ~~stiffen~~ ^{stiffen} the strip which is very thin. The slightest quantity of vapor in the Atmosphere softens the shellac and reduces the stiffness of the strip and thus reduces the pressure on the Carbon Button destroying the ~~balance of the~~ ^{balance of the} Bridge and the Galvanometer gives a deflection. If the vulcanized Rubber be not shellaced then a vapor of Nitro-Benzol will soften the surface of the Rubber and give an indication. This strip may be varnished with any substance which is a solvent in the liquid or vapor it is desired to indicate or measure the strength of

Volt Indicator

This apparatus is based upon a zero method of measuring. When placed on a circuit where constant electro-motive force is to be maintained the needle of the Indicator is standardized so as to remain at zero when the proper electro-motive force is obtained. Any rise or fall of pressure causes the needle to deviate to the right or left of the zero point. A variation of one volt moves the needle about an inch so that the indications may be read across a large room such as the Stations of the Edison Electric Eht. Co. The instrument consists of a coil of wire with a strongly magnetized needle resting upon a pivot and provided with a long aluminum extension index pointer. The wire is placed in the Bridge wire of a Wheatstone Bridge Balance, two sides of the balance having permanent resistance while the other two sides have the ordinary incandescent lamps interpolated. The permanent resistances are so adjusted so that no current passes through the Bridge wire when the proper electro-motive force is obtained upon the wire, hence the needle of the Indicator stands at zero. If the electro-motive force ~~which~~ raises the incandescent lamp diminishes in resistance the Bridge is thrown out of balance and the current circulates through the galvanometer.

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It gives a deflection. On the other hand if the electromotive force falls the incandescent lamp filaments increase their resistance and the current passes through the bridge wire in the contrary direction.

Apparatus for showing the conductivity of continuous currents through high vacuum

This is a recent discovery. The apparatus consists of an ordinary incandescent lamp in addition to which there passes through the glass a platinum wire which extends into the vacuum but has no connection whatever with the filament. To the end of this wire is soldered a copper extension wire the same as are connected to the filament so that connection may be made outside of the lamp. If this wire be connected to one binding post of a galvanometer and the other binding post be connected to the positive wire connected to the filament no deflection will be obtained on an ordinary compass galvanometer until the lamp reaches the incandescence of ten candles at thirteen candles it gives a slight and continuous deflection & after this the

deflection increases in a rapid ratio as the incandescence of the filament increases. At twenty five candles a very powerful current passes through the galvanometer, it being perfectly continuous & capable of supplying a telegraph wire of 200 miles in length with current to work the instruments - not withstanding that the globe is exhausted to a millionth of an atmosphere and the current must pass a space of at least half an inch.

Carbon Rheostat

This consists of a number of discs of carbon placed in a tube and capable of being subjected to pressure between electrodes to which the poles of the circuit are connected. Any increase or diminution in the pressure to which the discs are subjected increase or diminish the resistance.

Micro Gasimeter

This apparatus is for measuring very minute quantities of heat such as that radiated from the moon or the stars or the corona of the Sun. It consists of a disc of lamp black carbon placed between two flat plates a strip of rubber one end of which presses on one of the plates and the other end

being connected to an adjusting screw the button of carbon is subjected to pressure. The apparatus is then arranged in one branch of a Wheatstone Balance. Pressure is increased or diminished until no current passes through the Bridge wire which contains a low resistance but sensitive ^{Thompson} Galvanometer. If the rubber strip while under stress receives a ray of radiant heat it expands and increases the pressure upon the Carbon destroying the balance and permitting a current to pass through the Bridge wire. By means of telescope the heat of the Star Actinometer may be made to give a deflection of twenty centimeters upon the scale of a reflecting Galvanometer.

Perforators & Transmitters for automatic Chemical Telegraphs Part of the apparatus employed in Edison's System of automatic Chemical Telegraphs

The perforators are of two kinds. One consists of a Key Board for each letter of the alphabet. The depression of any key perforating a letter in Morse characters. A speed of fifty words per minute is obtained in the preparation of messages in this apparatus. The other Perforator consists of three Keys one of which makes

dots the other dashes and the other spaces. With these three keys an operator can punch twenty words per minute. The perforated strip, after being prepared, is passed over a metallic roller connected to a battery and resting on the paper and contact. Rollers connect to a telegraph line. These rollers pass through the perforations as the paper moves forward and make short or long contacts according to the characters. At the other end of the line a smaller metallic roller is rotated over which passes chemically prepared paper. Resting on this paper is a wire tipped with metalloid tellurium. As the current wave passes from the tellurium through the paper hydrogen is eliminated which instantly combines with the tellurium to form hydrotelluric acid which is almost instantly decomposed leaving finely divided tellurium which forms a black mark. By this system 300 words have been transmitted from the City of Washington and legibly & permanently recorded in New York in one minute. By means of a compensating apparatus to utilize the effect of the static charge on the line which consists of applying an artificial line at the transmitting station in addition to the

regular lines the artificial line being formed entirely of wire coiled upon magnets which send a contrary current into the line upon the cessation of the Battery current of a strength and character corresponding exactly to the signals transmitted.

Microphones.

Original Microphones sent to the Patent Office in 1877 being one of the earliest forms of Carbon Telephone.

Electric Pen.

This Apparatus consists of a small electro-motor mounted on a hollow pencil upon pivots at the end and containing a needle which is rapidly moved up and down in a tube the end of the needle protruding about one hundredth of an inch at each reciprocation beyond the pointers of the tube. The motor is attached to a portable Battery by means of a flexible cord. Of this instrument is used to write in the ordinary manner the writing is in the form of a series of perforations. If the writing thus formed be placed in a frame over a platten it may be used as a stencil and several thousand copies taken in printing ink. It is extensively used for the duplication of letters.

Private Line System of Printing Telegraphs.

This consists of a compact instrument provided with a Key Board for each letter of the alphabet a type wheel and printing mechanism no clock work being used but the motion being obtained from magnets. A speed of about fifteen words a minute is obtained by this apparatus. At one time it was extensively used on private line telegraphs but has now nearly gone out of use having been largely superseded by the Reception.

Quadruplex

Apparatus for transmitting four messages simultaneously over one wire in various directions at the same time (Too complicated for description). This system is extensively employed by the Western Union Telegraph Company.

Motograph Battery

This apparatus consists of a number of compressed chalk cylinders on the surface of which wet contact springs upon rotating the chalk a constant current is obtained. Cause unknown.

Single Electrode Battery

This consists of a trough divided in alternating partitions of porous plates and carbon.

plates one partition being filled with a acid solution of dichromate of potash the other partition by a solution of Sulphate of Iron. This battery is quite powerful and has 2500 of a volt per cell. The current is probably due to the oxidation of the proto-sulphate of Iron

Multiple Telegraph - Tuning Forks principle.

This consists of two tuning forks one at each end of the telegraph wire which ~~is~~ vibrating together causes the line to be thrown over at each reciprocation upon eight different sets of instruments one after the other but simultaneously as regards one instrument at one end of the line and its corresponding instrument at the other end. Invented 1876 but never introduced.

Tarious Forms of Carbon Telephone Transmitters.

These are various forms of Transmitters devised in the early stage of the art

Chemical Stock Quotation Printer

This consists of a ~~Transmitting~~ ^{Transmitting & Receiving} Instruments. The Transmitting instrument is provided with keys corresponding to the letters of the alphabet and the Arabic numerals. The depression of any key sends forward a

number of punches which perforate to Roman letters in the paper, formed of a group of holes at the rate of fifty words per minute. This strip is passed over a metal drum on the top of which are five contact rolls upon the ends of springs. These passing through the perforation transmit waves to five contact points resting upon chemically prepared paper which is carried forward on a drum by a small electric motor. The receiving instrument is of a very simple character & stock quotations may be transmitted by this system at the rate of 500 words per minute.

Autographic Telegraph.

This apparatus is for the transmission of messages in the handwriting of the sender. It consists of two synchronized governing mechanisms at the two ends of a line which serve to give notation to a transmitting and receiving drums. On the transmitting drum is placed a piece of paper upon which a message has been written by indenting the same. On the Receiving Drum is a chemically prepared receiving paper over which a recording point passes upon the transmitting paper. ^{two} ~~two~~ small springs ^{rest} ~~rest~~ upon the extremity of each ^{spring} ~~spring~~ and plating

points facing each other and so adjusted that when the full thickness of the paper is passing, the contact points are separated but when the slightest depression of the paper due to the writing passes these points one of them enters the indentation and its platinum point comes in contact with that on the other spring and thus closes the circuit. This sends a wave corresponding in length to the width of the indentation and this is recorded upon the chemical paper at the other end. The spring riding on the drum advances one one-hundredth of an inch at each revolution until the whole of the paper has been traversed. Thus a facsimile of the handwriting of the message is recorded at the other end a speed of about 60 words per minute is obtained by this process. It has not yet been introduced.

Telephone Repeater.

This consists of a loud Speaking Telephone the diaphragm of which is arranged with a ^{different} carbon transducer attached. This apparatus is of extreme delicacy and conversation by means of these Repeaters may be carried on over a line thousands of miles long.

A. H.

1923-03-29

- 1 Air engine with generator special
vacuum
- 49 Automatic pump, from 5' of force
- 41 " instruments
- 41 " slants
- 50 Anti-graphic telegraph
- 52 American wire

T.B.

- 3 Baudot to 15 ~~to 15~~
- 15 Baudot connection
- 58 Buoy electric
- 65 Blower "
- 79 Baudot spring
- 79 Baudot

- 97 Electric pens 3
 100 ~~Electric apparatus~~
 100 Electric apparatus
 11 Electric fan 2
 19 Elliott bridge
 46 Electric frame
 47 Electric lamp
 55 " baggy
 65 " blower

11

60 Fac. similes

1883, 03-29

G²

- 49 Grasses, fern, and
63 Ginkgo, shrubs & logs
79 Globes

TH

- 15 House-bells

1883-03-29

II

- 14. Inertia telephone
- 33. Induction coil
- 11. Instruments Automatic

II

- 89. Johnsons motograph

III

- 65. Kruze lamp with electric blow

above

- 66. Lamp ~~with electric blow~~
- 16. Lamp, spiral filament

- 17. " " " turn regulation

- 18. " " turn down

- 19. " " resistance
- 20. " " Kruze

- 21. " " gas
- 69. Lamp with ~~electric blow~~
- 70. " " ~~electric blow~~

- 71 Pumps P 13
- 72 " graphite carbon
- 79 " mining
- 79 " drop
- 82 " stand
- 82 " scales
- 84 " with mercury column
- 85 " ground stopper
- 86 " iron wire
- 87 " nickel

1883-83-29

(1)

32 Odometer
80 One separator

IP

- 9 ~~Barometer~~
- 9 ~~Automatic fire alarm~~
- 16 ~~Maximum Camps~~
- 17 " " ~~Automatic~~
- 25 ~~Platometer~~
- 31 ~~Punches, vibrating~~
- 35 ~~Pneumatic pen~~
- 36 ~~Patent 317, 781~~
- 37 " ~~201, 016~~
- 38 " ~~178, 221~~
- * 39 ~~Prints Gold & Steel~~
- 40 ~~Perforator, Korean letter~~
- 41 ~~" ^{key} ing plates~~
- 41 ~~Paper yellow~~
- * 41 ~~" perforating~~
- 41 ~~" receiving~~
- 41 ~~" ^{wood}~~

- 41 Pens
- 41 " Telegraphic
- 42 Pencils also special
- 51 Phonograph
- 53 Phonograph
- 54 Photographs
- 55 Patents, Edison's
- 67 Paper Carbonized
- 88 Patents on telephone

58 Quadruplex. — 

1883-03-29

TR

- 9 Reed pens, 2
- ~~35~~ Regulator, current
- ~~37~~ Relay
- 40 Roman letter perforator
- 40 Receiver
- ~~45~~ do
- ~~45~~ do Pressure
- ~~46~~ do Lathansim
- 46 do Photograph
- 48 Rheostat, carbon
- 52 Recorder
- ~~53~~ " " " "
- 56 Scrap book

SS

- 8. Signal lighter to be worked on the system
- 15 Steel frames, ~~sample from "Horse"~~
- 16 Spiral lamps ~~Photometer~~
- 30 Signalling by ballium line
- 41 Shunts automatic
- 60 Sewing machine - motor
- 79 Slides
- 79 switches
- 84 stand lamp
- 82 1 scales
- 90 Switch Board

II

- 14 Telephone, insect
- 18 Sounder - cipher
- 24 Telephone all kinds
- 28 Telephone repeater
- 31 Gasometer
- 40 Transmitter
- > 47 Table of models of
- 43 Telephone combinations
- 44 " " photographs
- 49 " " universal
- 50 Telegraph, photographic
- 59 Tools
- 63 Tubes, vacuum
- 4 Universal printer
- 88 Telephone Patents

VII

- 36 Vibrating punches
- 73 ~~Voice~~ recorder
- 79 ~~Voice~~
- 85 Vacuum tubes

VIII

- 44 Better paper
- 41 Binder " "
- 67 Wood Carbonizing
- 77 ~~Wood~~ meter
- 41 ~~Yellow~~ paper
- 79 ~~Wire~~
- 79 " appliances

4 Yellow paper

1883. Edison, T.A. - Accounts (D-83-004) [not filmed]

This folder contains trial balances and other draft account sheets that were used in entering information into journals and ledgers (see Accounts Series).

1883. Edison, T.A. - Advice (D-83-005)

This folder contains unsolicited correspondence suggesting improvements in Edison's inventions, asking him for advice on technical matters, or requesting his assistance in improving or promoting an invention.

Approximately 10 percent of the documents have been filmed. Most of the documents selected for filming received a significant response by Edison.

HOUGHTON FARM,

Experiment Department.

D. P. PENHALLOW, BOTANIST AND CHEMIST IN CHARGE.

Mountainville, N. Y. JANUARY 11. *1883*

DR. T. W. EDISON,

DEAR SIR;

I AM ANXIOUS TO PERFECT AN APPARATUS IF POSSIBLE, WHICH WILL ENABLE ME TO OBTAIN A CONTINUOUS RECORD OF SOIL TEMPERATURES. YOU WILL REMEMBER I WROTE TO YOU ONCE BEFORE ON THE SAME SUBJECT, AND THROUGH THE KIND SUGGESTIONS OF DR. DRAPER, I AM NOW USING A THERMO-ELECTRIC ARRANGEMENT, THOUGH ADMIRABLE IN ITS WAY, IT DOES NOT ACCOMPLISH WHAT I WANT, AND I FEEL THAT THE DIFFICULTY CAN ONLY BE SOLVED, OR WILL BE SOLVED IN THE BEST MANNER BY EMPLOYING AN ELECTRIC APPARATUS WHICH WILL RECORD BY MEANS OF VARIABLE RESISTANCE. THE FIRST POINT SEEMS TO BE TO SECURE A SUITABLE FORM OF INSTRUMENT THROUGH WHICH THE RESISTANCE SHALL BE OBTAINED AND THIS SHOULD NOT ONLY BE VERY SENSITIVE, BUT CAPABLE OF RESISTING THE CORROSIVE ACTION OF THE SOIL IN WHICH IT MUST BE PLACED. IT SEEMS TO ME, HOWEVER, THAT YOU WOULD HAVE NO DIFFICULTY IN PERFECTING A SUITABLE APPARATUS. SECOND, IT WILL BE NECESSARY TO SECURE A CURRENT WHICH SHALL BE OF UNIFORM STRENGTH, AND JUST HERE SEEMS TO BE THE GREAT OBSTACLE. WOULD IT NOT BE POSSIBLE WITH A PROPER STORAGE BATTERY, TO OBTAIN A CURRENT WHICH WOULD SHOW BUT SLIGHT VARIATION? IF THIS CAN BE ACCOMPLISHED, A CHRONOGRAPH OF THE PROPER FORM WOULD THEN GIVE THE RECORD SOUGHT FOR. IF YOU CAN GIVE ME ANY SUGGESTIONS BEARING UPON THE SOLUTION OF THIS PROBLEM, AND LET ME KNOW IF YOU CARE TO UNDERTAKE CONSTRUCTION OF THE APPARATUS IN CASE YOU SEE YOUR WAY CLEAR TO ITS FINAL FORM AND WE DESIRE TO HAVE ONE MADE, YOU WILL CONFER A FAVOR UPON

YOURS VERY SINCERELY,

D. P. Penhallow

The therm is the best. The spot of light from a sun lamp Thomson galvanometer can be used to record photo graphically on a continuous roll the temperature - It has been done -

we have used Tiffing & Co's.
bolt tightener 19th January 83
Thos. A. Edison of Lake View
Central Station
Construction Department

Dear Sir,

I beg to hand you, for
your consideration, particulars of an
idea, which suggested itself to me; for
an improved bolt tightener, for the
dynamo machines. The inconvenience,
in some positions, of the large projecting
bolt, at present in use; set me thinking
upon the matter.

I am, Dear Sir,

faithfully Yours

Arthur S. Deves

Prov. R.D. Mch. 11, 1883

Mr Edison:

Dear Sir:

What or whose cable
do you recommend or suggest for underground
purpose for telegraph and telephone?
Do you know of anything that will work
either together or separate.

Very Respectfully

Ed. Bogle
Prov. Journal

Have had no experience with
underground telegraph wire
my electric light underground
19 miles in use work perfectly
but would be useless for telephone

OLD COLONY RAILROAD,

NORTHERN DIVISION.

S. A. WEBBER,

CHIEF SUPERINTENDENT.

FITCHBURG, MASS.

Apr 7 1883.

Thos Edison Esq
West Park N.Y.
N.Y.

I hope you will pardon me for intruding upon your time and good nature with my questions and at the same time I shall hope you will favor me with a reply, as I feel sure your knowledge of Electricity & its uses will enable you to do so.

Is it possible and practical to build a magnet large enough (say a 6 inch circle) and wind wire in proportion & charge it with a current from a battery (no matter how large say 100 feet distant from the magnet) and attract a substance (say a 200 lb. connected by a rod to an armature or plate of iron the proper size) a distance of $\frac{1}{4}$ to $\frac{1}{2}$ inch? Of course the power must

NEW YORK CITY

1883-04-07

OLD COLONY RAILROAD,

NORTHERN DIVISION.

S. A. WEBBER,

ASST. SUPERINTENDENT.

FITCHBURG, MASS.

1883.

be very much greater to attract
 it. $\frac{1}{4}$ than $\frac{1}{4}$ & if I presume
 you'd be very much more I think
 I could accomplish my purpose by
 an attraction of only $\frac{1}{4}$ inch.
 am about how much would such
 a magnet cost & how many cells
 & what kind of a Battery would be
 the best to use. My knowledge of such
 things is quite limited and I can't
 afford to make useless experiments
 I should esteem it a great favor
 if you would kindly give me some
 light on this matter and not
 consider my letter an impudent one

Respectfully Yours

If the weight is to be

moved like the bob on a

pendulum a small

magnet would answer but if

the weight is to be lifted

wholly against gravity it

would require a magnet costing \$175.

C. A. Holmes
 Maria Disfaleto
 OCH

Fitchburg Mass

of the machine will require the most accuracy. Yet I am desirous to know what competent artist would say of it, and therefore I thought it the best way to address myself to you with the supplication for information if any invention has probably any value. In that case I shall send you a drawing and a description of the model I have made myself.

I have the honor to be
Sir, With the highest respect
(your humble servant

J. J. Bolderman
Lutphen (Holland)

Mr Edison

1886-04-13

Bolderman
Lutphen April 13th 1886

I would be glad to hear
if he much work it up

Sir

Almost a year ago I believe to have found the means to replace on your admirably phonograph the cylindric sur. face by a plane (or a metallic plate) to receive the impressions. By that machine it is possible to take away the plate and to insert an other one, and it will be easy to multiply the plate by galvanoplastics (electrotype). Perhaps the same invention is already made before me and is of little consequence for science, therefore I have consulted with nobody on it also because I believe the construction

1886-04-13

E. L. TATON,
PRACTICAL PHOTOGRAPHER

Views, Primes, Steel Engravings and Photographic Material.

1320 FARNAM STREET.

Omaha, Neb. May 14th 1883

Mr. T. Estlin
Wenatche Park
N. J.

I write
you to find out what is the reason
you are making photographs by
your light. I want to introduce
it in Omaha & would like
to know if you get the results
I want all the reasoning
from the purpose of showing
so & what is the expense of
same would be glad to hear
from you at once

Yours truly
E. L. Taton
Take too long exposure
an arc light would do it
Chas. Brown

28

May 26th 1883

Jos. C. Hendrickson
offers a composition
for manufacturing
purposes

1883-05-28
RECORDED
MAY 28 1883
ANSWERED
May 28 1883
FILE NO. 1883

Mr. Lyon

G. Edwin Lewis Esq. & Co.
New York City

Dear Sir - Can a
composition metal be used in any
branch of your business that needs
magneto influence - I have used
a composition and is not
sufficient to make - shall be
pleased to hear from you -

Very truly yours -
J. C. Hendrickson
#1943 North 12th St.

P. O. BOX 1184.

Providence Telephone Co.

(LICENSED BY THE AMERICAN BELL TELEPHONE CO.)

HENRY HOWARD, Pres't.
R. C. CRANSTON, Vice-Pres't.
CHARLES T. HOWARD, Sec'y and Treas.
J. W. DUXBURY, Sup't.

ROOMS 24 AND 27 BUTLER EXCHANGE,

1883-05-26
RECEIVED
MAY 29 1883
ANSWERED

FILE NO. *May 28 1883*

Providence, R. I., MAY 26 1883
points will facilitate
charge of the current

T. A. EDISON, ESQ.,

65 FIFTH AVE.,

NEW YORK CITY.

DEAR SIR:-

I AM MUCH OBLIGED TO YOU, AND ALSO TO MR. INSULL, FOR REPLYING
TO MY INTERROGATORIES. NOT TO BORE YOU TOO MUCH, I WOULD LIKE TO GET ONE
MORE EXPRESSION FROM YOU. A FRIEND OF MINE HAS CONCEIVED THE IDEA OF A
LIGHTNING ROD OF COPPER TAPE, SAY THREE QUARTERS OF AN INCH WIDE AND A
QUARTER OF AN INCH THICK, WITH MINUTE POINTS ON THE OUTER SURFACE STRUCK
UP LIKE THE POINTS ON A RASP, FOR THE PURPOSE OF FACILITATING THE DIS-
CHARGE OF THE CURRENT INTO THE MOIST AIR. HE ALSO THINKS THAT THE POINTS
MIGHT BE SOME ADVANTAGE WHEN RUNNING THE ROD ALONG THE RIDGE POLE & C.
THERE HAS BEEN CONSIDERABLE DISCUSSION ON THE SUBJECT IN OUR OFFICE OF
LATE, AND A GOOD DEAL OF EXAMINATION OF AUTHORITIES. I WOULD LIKE TO
HAVE YOUR OPINION AS TO THE ADVANTAGES OR DISADVANTAGES OF SUCH A CON-
STRUCTION. IF I AM TAKING UP TOO MUCH OF YOUR VALUABLE TIME, THROW THIS
INTO YOUR WASTE BASKET AND GIVE IT NO FURTHER ATTENTION.

YOURS TRULY,

Henry Howard

May 31 1883
Edward A. Fischer

inquires about elec-
tricity spent by
motors

1883-05-31

RECEIVED

JUN 1 1883
ANSWERED

FILE NO. 1883
1883-05-31

W. B. Smith May 31 1883

Mr. Editor

Dear Sir

What I am about to relate to you I do not know
whether it has ever been thought of or whether
it will interest you any; if it does you
are welcome to it. (P.S.) What becomes of the
electricity that passes through and propels
an Electric Motor I have an idea goes to
the ground, can it not be used for some
other purpose as it has passed through?
or be stored, and used over, again?
hoping this will meet with your
approval I remain

Yours Truly

Edward A. Fischer

Goes off in heat & work
performed

1883-05-31

1883-07-21

You are behind without idon.

The greatest saving is on 3 wires
with 4 you don't need the 4th ground
pin. Reason is not significant

During 1864 in what September 1864

25 July 21.5.83

[Handwritten signature]

Wm. O. Adams Esq.

Dec 1891

[illegible]

4. To advance a further 5000 to 6000 ft. up on the three

Group have met up on the three
W in system in quite the

Box of four twins and slanders

A. Chyngones - *de Rensselaer*

a free man. Person of 1898

Vote made up by the usual

internal Circuits of 110 Volts A.C.

The addition of rice ~~was~~ ^{is} used

would complicate the system

at a very slight degree and
with a duller tint.

Leaves with a few small, dark, minute spots.

For a further saving we say
the same would be the same.

The saving would justify the use of insulated wire where

piece of new paper on new water

could be of ^{the} three colors, which would
indeed simplify the policy and
connecting of the mains and feeders.

Further in the use of ^{a number of} three
dynamoes, the third of the
battery may at any time
be multiplied ~~and~~ added with
either one of the others two
to help out or take the place
of the same this of course
would double load the machine
which would tide over the trouble
until the weak machine was
put again into condition.

In some cases the spare
(regular) dynamo could be of
larger capacity and so easily
meet the extra requirements.

Please let me know your opinion
on the matter and at the
same time state the amount
of my salary &c by so doing
you will oblige me Very Resp H. H.

1883-07-21

W. J. GURD,
SECY. TREAS.

Office of

The Lambton Loan and Investment Company.

Don't cheat anybody

for private light
Miles Park N. L.
good thing - small
New Ca

Good thing - small

Dynamometer for ^{vertical} ^{inter} ^{shaft} ^{torque} ^{couple}
comparison of a ^{transmission}

be far superior to battle
with a cheap little unit
than a journey in a
would be very desirable

(I corresponded with the
Company but it appears
they do not make those
small machines). Will
you kindly give me
your opinion as to
whether independent
private house lighting
would be practicable

W. J. GURD,
SECY. TREAS.

Office of

The Lambton Loan and Investment Company.

Sarnia, Ont., 188
with small machines
provided equitably power
to them than could be
employed.

Also could small
Dynamo Machines be
utilized to advantage
for telegraph purposes
method of cell batteries
if so I can furnish the
Motive power.

James H. [unclear]
[unclear]



SCHOOL OF OBSERVATION,
COR. SCHOOL AND WASHINGTON STREETS,

Westfield, Mass., Aug. 8, 1888.
The best way is to arrange with
reputable firm who sell appliances
to which this addition is valuable
for its sale on a royalty of
15 per cent. on the net sales.
My dear Mr. Edison, Brokers are
price = $\frac{\text{patent}}{\text{broken}}$ me

I know you are willing to add just one more strain
to your burden to aid a novice in the patent
business. Since the issue of my patent June 19,
'83, I have been flooded with circulars and letters
offering advice and aid in disposing of my patent
by the sale of territory, &c. If it is not consuming
too much upon your time will you please answer
the following questions & oblige: Your opinion
will be invaluable to me.

1. What, in your judgment, is the best plan of
disposing of a patent, (such as the enclosed circu-
lar will explain), for an inventor who has no
capital?
2. Would you put such a patent into the hands

of a patent broker and on what terms?

3. Do you know of any party or parties that have been materially aided by them and would you be willing to give me their names?

Any information that you may be pleased to give will be gladly received and cheerfully reciprocated.

Respectfully yours,
John H. Haldeman.

39

August 8th 1883

J. H. Haldeman

Inquiring about

his patents

1883-08-19 149

Mary C. Odell

Let your son go to some
Super of Lodging house
in Long Beach
with 1/2 the intention of the
wage pay for the summer
Detroit August 19th 1883

Cher Mr. Edison
This will give you the patent
Sept. 19th

I have a close cooperation will
no doubt be surprised at me
a comparative stranger addressing
a letter to you although I was
not personally acquainted with
you my Parents Mr & Mrs
Hawes of Ft. Huron know your
Parents also yourself the last
time I saw you was when I
should judge you to be about
19 years old.

But Mr Edison my
object in writing you this
is that I have a son who is
about 20 years old & he has

[illegible]

Robert: Officers West of course
imagine they would not quit
as they need their money as
fact as they need for it. I
I presume you have had your
struggles at first but now you
have mastered them all & are
now returned to Howard which
you deserved to be.
I am sorry at a machinist
by trade & when I saw your
letter at Port Huron you were
fed about my Road heath
should you hear this matter
I am answer I should be
most happy to hear from you
I hope you will not think it
gives imperfections in my writing
Yours most Respectfully
Wm. W. Ward & Co. Adell
2-6-77 Seven Hills Road
Detroit Michigan

Write to me ^{and advise}
~~politely~~ ^{My judgment, is not}
^{your invention} not Electrical
Georgia, 3th Sept 1883
Romania

Edison

Dear Sir,

X/ Allow me to ask you, politely
whether you will have a mind
to give me an advice how I (a man
nearly without any money) can
realize some inventions. (One of them
is patented in Germany)

Several Civil engineers have approved
my inventions (which do not belong
to electricity) but their positions did
not allow them to buy any.

If you would allow me to send you
descriptions for your judgement
I would be very gratefull.

Full of respect and
Devotion

sign P Taufenscher

39
P. Richardson
re our letter

RECEIVED
SEP 15 1883
ANSWERED

SEP 15 1883
FILE NO.

Mr. Thos. A. Edison

Dad's

Your favor at hand but it does not give exactly the information I desired - A friend already has one of your dynamos which is to be used for electric lighting purposes. It will allow me to use electric lights from his machine if it is right for depositing metal without changes but of course can not allow any changes to be made which would interfere with his

use of the dynamo.

The current used for depositing metal is what is called a quantity current or, I understand it, while the arc lights require an intensity current - I believe. Yours I have been told requiring a quantity current, which would seem to me to be the same as I wish. As I should have to go to considerable expense to ascertain by experiment if it would do I venture to ask you to write me again in regard to it.

Also will you be so kind as to inform me

if a shock from your dynamo would be dangerous or fatal -

Truly yours

Philip Richardson
90 Box 589

Coosum Mass.

A

Its hard to tell a person how to do a thing you know not about, Try yourself

Experiment by passing the current through a lamp & your platy a bath = the shock wont kill a fly - its arc light machine

that one dangerous

1883-09-15

Sept. 15th. 3

Philip Richardson, Esq.

P.O. Box 580,

Woburn, Mass.

Dear Sir:-

Replying to your favor without date, I beg to say that you should try your experiment by passing the current through a lamp and your plating bath. The shock from my dynamo would not kill a fly. It is the arc light machines that are very dangerous.

Very truly yours,



THOS. JONES.

L. C. McCARTY.

Joplin Hotel.

JONES & McCARTY, PROP'RS.

July 16th 1883

Prof. Edison.

Menlo Park.

Slavici:-

[illegible]

to have the address. I live in Leadville, Colorado so
please write me at that place as I leave for
home tomorrow morning and shall reach
there Thursday.

Very respectfully,
Franklin Ballou

115 West 5th St.

Leadville,

Colorado.

Sept 16/13
St. Ballou
requesting information
about my ore

and only require recalling to
 your Notice. If any thing in
 the idea shall be I ad of a
 line, otherwise pray do not
 let it interfere with your
 more important avocations.

Believe me, again &
 apologise for thus intruding,
 respectfully,
 Richard Dando

(1883)
 The only
 Mr. Richard Dando's
 Photographs
 available in the
 but a word here
 or a query unap
 MASON OF DUNDAS

1883-09-12

NATAL MERCURY OFFICE

Durban, Natal,

Mr. J. P. Wilson
 Natal Durban
 New York

Dear Sir,
 I must apologise to you
 intruding upon you. A lady
 Mr. P. Wilson's name, who
 is now in the country, is
 your invaluable is your friend.

Heided then for occurred
 true and is constantly occurring
 how very much would be a portable
 mechanical instrument for
 recording paper, thought that
 in the telegraph, tape principle
 capable of being carried in one's
 pocket, or in a small shell, or in a
 at such times, which travelling
 and wakeful, very valuable
 reflections and that are now
 depicted or left before the eye
 for memory for recording the eye
 is afforded for travelling, then
 such an invention may
 have occurred to you, while making

Baltimore Oct. 8th 1883

To Thomas A. Edison.

Union Park

Write Say Very Busy stop
will answer at once

Dear Sir:- I take

the liberty of sending you the Enclosed papers
and trust to your interest in all scientific work
for a careful consideration of their contents.

I must ask your pardon for the abruptness
and for the apparent assumption of the questions.
In the former the necessity for brevity must plead
my case; for the latter, the various positions held
by these questions must be the cause. To insure
uniformity I was obliged to ask the same questions
of all. To lessen the disadvantage of this, I have
asked for particular information under III.

I have only to add the
assurance of my obligations to you for the
fulfillment of this request.

I am, Sir, ~~very~~ very yours
Joseph Jacobson

Address:- R. 56 W. Lombard St.

Baltimore, Md.

- Introductory Statement. -

Stated in a general way, the object of this inquiry is to bring out the logical significance of the actual working processes by which successful men arrive at their decisions, intentions and conclusions. Hitherto, this part of Logic has had to depend for its material mainly, on the examination of completed works, - finding out, often laboriously, the data possessed by the author and retracing, as far as possible, the steps of the original thought. The logician's guide in such matters was his own experience together with the few cases in which a complete account of the work, including failures, has been given. Usually the completed work is arranged on a plan conceived after the work is done, perhaps, and upon Quarantius considerations, and thus the logical values of the process is lost.

Hygiene was put on a scientific basis by the study of Physiology; what we ought to do was learned from what we do do. Similarly it is hoped, - certainly to a less extent - that Logic will gain by an objective verification or illustration of its unspoken means. The only feasible way of accomplishing this end, seemed to be the present one, of historically questioning a number of persons independently selected. In answering the questions, it is respectfully asked that the above considerations be

Important questions are marked †.

I.

1. (a) Have you ever attended to the processes by which you have arrived at your results?

(b) Do you do so frequently (or habitually)?

† (c) Do you derive any benefit from such observations? in what respect?

† 2. Will you describe the observations on the processes of your work?

II.

1. Have you ever studied logic?

2. At what period of life?

3. What system of logic did you study?

4. Did you have any fondness for the study? do you still find an interest in it?

† 5. Have you found your knowledge of logic to be of service to you in your investigations? in what way?

III.

† Under this head I ask for any considerations that appear in your judgment to bear on the object of this inquiry. I also invite criticisms on other questions as well as on my whole procedure.

39

J. J. Astrow

asks sundry questions

GARRISON & CO.
WOOL,
No. 137 FEDERAL STREET.
Wm. L. Garrison, Jr. | P. O. Box 1931.
Piermont Wisc.

BOSTON, Oct. 22, 1883.

Dear Mr. Edison.

Can you tell
me anything about the Dept.
electric railway? A former
partner & friend of mine is
tempted to invest in it.

If it is at first rate I
should like to prevent his
doing so.

Very truly,
W. L. Garrison.

Advise your friend not to
put a cent into it.
It's a catch.

39

1873-10-29

Oct 29/83

J. Williams

requests to know
if a telephone can
be used on a
railroad car

RECEIVED
NOV 17 1883

Mr. J. Williams, Cal., Oct 29th 83

FILE NO.

Mr. Edison

Dear Sir
I would like to know
if a Telephone could be
operated on a railway
train. Or would the
disturbances be too great;
Yours very truly

Joseph Williams
San Jose, California

It is possible

Experiments in
string telephone

inventions, We are connected with
the largest Ship Builder in England
I can give large orders, Have
you a good indicator on the
same party I spoke of are getting
up a speed indicator & this is
the principal of it, a spring is
wound up by turning the pointer to
zero & an electromagnet releases it
with a current from a balance battery
in contact on the engine shaft, another
electro magnet drops a pencil into the
ink & the time the shaft is revolving
& making the two contacts gives the
revolution & shows the engine is going
This Telegraph is a clock work affair
with an electrical escapement

Please make me to sell your instruments
as soon as possible as I can do
a large business for you

Yours truly
J. H. Edis

In Hotel in view

TIDHAM & CO.,

Manufacturers Electricians and Electro-Platers

116, HIGH STREET,

SOUTHAMPTON

Don't know of any
such apparatus in
this country
Oct 31st

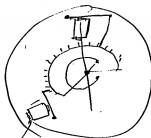
To, J. A. Edis & Co.

Dear Sir

I have some Orders for
Electrical Engine Room Telegraph
Sight form will you please give
instruction to your agents so that I
may get them, There is a certain
party in England who are getting out
an Engine Room Telegraph & want
to be the manufacturers for them & they
have left one in the land, & beating
one badly, I thought I should you had
a trial Telegraph I would write
to you to pass your instruments
in position of the fullest extent
We have £1000 & large work shop
& shall be very pleased to prove your

³⁹
Oct 27/83
J. C. Lindner
requests information
from

Sketch of Spad indicator



Have you got a good Spad
indicator as I want one

Rome Nov 13, 1883.

Thos. A. Edison.
Dear Sir,

I am principal of the Graded
School in this place. What is the
smallest size electric lamp you make & the
price? I have a battery ~~consists~~ of 2 cells,
each one 1/2 quart size. also induction coil.
My battery is a Richmann's of 1 start fluid battery.
Could I with this battery produce electricity to
run a lamp? I am desirous of making ad-
dition to my stock of apparatus. If a battery
will not furnish the right kind of electricity,
how small an electro magnet will it take to
light your smallest lamp.

Yours Respectfully,

Chas. M. Lester, Jr.
Rome, Ga.

Don't make
so
small as your
battery will work

39
Nov 15/83

C. Lyman

C. Requests
information re
Underground
Wire

Have written no paper
no reason why all Electric
Hamilton Club
have their wires run in
large cities -
November 15, 1883
Mr. Thomas A. Edison, D. J. V.
May I trouble you to
tell me whether you
have written any pa-
per on underground
telegraphic systems,
and, if so, where I could
see it. I should take
great pleasure in read-
ing any such paper
as I am interested in
the subject, in a wholly
non-professional way
however.

Would the ef-
ficiency of the telegraphic
and telephonic systems
in this country, in your
opinion, be impaired if the
wires in cities were under-

ground? Do you know
of any ~~reservoirs~~ ^{reservoirs} ~~with~~ the
underground systems
should not be introduced?

It is asking a good deal
of a gentleman whose
time is fully occupied
in benefitting his fellow
people, to ask these ques-
tions, but I should feel
much honored by a reply.

Trusting you will
excuse the liberty, I am
yours

Very respectfully

Oliver E. Lyman,

45 William St,

New York City.

⁴⁰
Nov 22/13
J. Morris
requests an
interview
with Mr E.

D 1288
Edison, T. A.
Service

^{Henry}
I'm overworked - Bentley
of Phila is best man
I get opinion from
Phila 1/22-83

Mr T A Edison

Dear sir

Desiring very much to get
your opinion as to the practi-
cability of a plan I have for
a printing telegraph. I take
the liberty of addressing you,
to ask the favor of an inter-
view, so that I may explain it.

I am a Morse operator in the
employ of the N. Y. Tel. Co. here, and
I venture to ask this favor, in
the hope that having once been
an operator yourself, you may
feel some interest in ex-plain-
ing an humble member of that
profession.

My plan appears to me to be
much simpler than that of the

Phelps machine, and is to print
in column instead of on a narrow
strip.

If you can gratify my desire
will you please instruct me as
to when and where I may see
you, and very greatly oblige

Yours respectfully
John M. O'Brien

1114 Vine St
Phila.

Your suggestion is practically
an induction coil throwing
a spark of $\frac{1}{2}$ inch
with 2 cells of battery.
The whole made portable,
with ^{two} brushes of wire,
would do the work.
I have no time to
experiment.

no his idea for
killing cotton
worms
S. W. Dumble
Nov 10/13

See back Clinton Co. Nov. 24/83
1883-11-24
Dear Sir!

As the cotton worm is doing a great
deal of harm every year, and as every
means to kill the same have failed so
far, the idea struck me, that the same
worm might be killed through electrici-
ty. A battery had to be constructed strong
enough to kill the worm, but not to in-
jure the plant. Cotton, at the time
when the worm commences to do harm,
is already a stout woody plant; and it
seems to me would stand much more
electricity than that frail insect the
worm. — On each side of the battery,
two or three copper wires about two feet
long, standing out like arms, had to be
fastened. A man carrying this battery
through the cotton field, touching the
leaves of the cotton on two arms at
the same time, could go over 10-12
acres a day.

Knowing that you experiment a great deal with electricity, I thought to propose this to you.

Hoping that you will have the goodness to answer this, I remain

yours respectfully

G. W. D.

Address:

G. W. D.

Newton of Peliciana P.

La.

OFFICE OF
H. O. STRATTON,
NEW ENGLAND GENERAL AGENT FOR

HENRY DISSTON & SONS'
CIRCULAR, MILL, GANG, CROSS CUT AND HAND SAWS, FILES,
SIDE FILES, GUMMERS AND CUTTERS, SWAGES &c.
LEAD and LUMBER PENCILS. DIXON'S AKLE, MACHINE and BELT OREAR.
H. H. BARTON'S "BEST" AMERICAN FLINT and GARNET PAPER and EMERY CLOTH.

35 OLIVER STREET.

BOSTON, Nov 27 1883

Thos A Edison Esq

Dr Sir

I have been
using "Edison's Duplicating Ink"
for the past 4 years and
have bought all my
stationers had & now he
tells me he does not
know where to get it.
I also have called for
it at all the leading
stationers here but they do
not have it - and as I
consider it the best ink
I ever used I dislike to
begin on any inferior article.
Will you please inform

inside what did you do about this way getting some

where it can be obtained.
I should prefer to get
it in this city if I knew
of any party who has it.
but if it is not to be
had here, would send to
N.Y. if I knew who to
send to.

Trusting you will
favor me with a reply

Yours Truly
Sam R. B. Jr.

H. O. Shapton
Supt. of
Ind. Secs.
Ind. Secs.
request to know
the situation

Nov 13
1865

JAMES M. REED.

JOHN LUCAS.

JOHN D. JONES.

RECEIVED
DEC 10 1883
ANSWERED

LUCAS & CO.

Steam, Smith and Fuel Coal and Superior Coke

Furnaces and foundries

Mines and Ovens at Mt. Carbon Colliery, Fayette Co., West Virginia

O. Hawk's Nest, W. Va.

*The Electric Coal
pre-located at the
run through the
power house to Park
N. J.*

Dear Sir,
Pardon my importuness
I have invented a machine to bore in the coal-
inside our mines, and intended to work it with
spring motor, which can be done readily, but it
strikes me that it could be worked by electricity.
It will require about one horse power—
could you furnish an apparatus, that the electricity
could be boxed and carried in to the machine
after created outside. We have power at the
mouth of the mines I think could be adapted to
create the electricity. Will you please inform
me if such a thing could be done then if so,
I would ^{send} you a description of my machine.
Very Resply Yours
John Lucas

get into a telegraph office
as messenger in office
Chicago Dec 4 1893
Mr. Eamon Esq. Dear Sir
would you be so kind as to
give us information on regard
to Pictography I no of no
person that can give the
information we require more
than by ourself. Our object
is myself and friends have
been at loss what Pursuit
to undertake what business
to follow we have concluded
to study the art of Pictography
Sir would you be so kind

as to enlighten us of the best
and quickest Method of Learning
the same we have been at loss
to whom to seek advice from
we have been informed by
those in the business not to
follow this course however
we have resolved to seek your
advice on this important
Subject. myself and friend
will ever feel grateful and be
indebted to you for any advice
that you give. Yours Obedient Servant
Sylvester Barber, Thomas Hecaney
625 River St Philadelphia Pa

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATIONS
689 FIFTH AVENUE, N.Y.C.

RECEIVED

DEC 13 1883

EASTON PA. DEC. 13th /'83

Prof. Edison. Dear Sir -

I have seen one of your "Fortified Health Indigestion" and find the thing for my stomach. Please let me know the price to agents as I once saw it in one Catalogue of Gifford & Co.

Yours Truly,
Wm. L. Mumford
Easton Pa.

D 1883 Edison, T. A. Advice

It has been tried several
times & abandoned the
Carbon of the wood into the
platinum =
New A. Edison. N.Y.
Dec 10. 1883.

New York City,
New York

Dear Sir:

Will you have the goodness
to inform me if it would be feasible
to utilize electricity for wood cutting.

It has occurred to me that
if a piece of platinum, or other
wire, could be so arranged that
it could be handled easily, by two
persons, when charged with elec-
tricity, that it would burn itself
through any piece of wood with
great rapidity, whether standing on
the tree or on the ground.

If you think such a scheme
practicable, please give me an

approximate idea of what the
apparatus would cost, less power
to run the dynamo. My reason
for writing is that I can get a
contract to clear 40 acres, &
could do it very rapidly with
electricity if it could be made
applicable.

Very truly Yours
Geo. D. Benjamin

1883. Edison, T.A. - Articles (D-83-006)

This folder contains letters requesting Edison to write articles; correspondence relating to articles about Edison or his inventions; and letters from journalists seeking to interview Edison.

All the documents have been filmed.

promise.
tell him he must
not depend
on me. we had
better write to
see what we can
do. I will not
be responsible
for anything
written in the
new journal.

THE NORTH AMERICAN REVIEW

Dear Mr. Edison

We are depending upon you
positively, you know, for ten
pages (4000 words) or less, on
on Electricity or a Motor, by
January 20th, in accordance
with your kind promise of
last month. Would you like
the assistance of our short but
writer?

Yours very truly,

Wm. D. Mitchell, Jr., Ed.

26.

Jan'y. 3^d 1883

Rev. L. Notumba

request Mr. Edison
to give his experience
with dynamo electric
machines



COLLEGE & SEMINARY OF OUR LADY OF ANGKOR.
Superior Order, S. F.

Jan. 3^d 1883.

Dear Sir :-

I received some time ago your
favor of Nov. 8th ult. - Since then
Dr. Schellen charged me to express you
in his name his sincere thanks for
your kind promise to get out the
data of your latest experiences with
dynamo electric machines and lamps.
He wishes to receive them as soon as
possible, if you can oblige him, because
the 2^d edition of his work (1882) is
completely exhausted, and he is an-
xious to publish the 3^d edition very
soon. - I already received from the

Edison Company for 'Isolated Light' some printed matter, but of course your personal communications will be of much higher value for him.

In one of his last letters he told me, that he would appreciate particularly special notes about thickness of wires employed, number of convolutions, weights and dimensions of Electro-Magnets, number of revolutions of armatures, force used compared with light obtained etc. etc. -

I mention this, because you may find this suggestion useful in getting out the data. -

Please excuse all the trouble, and be sure, that Dr. Schellen, being a great admirer of your incomparable

inventions, will publish your kind communications 'in extenso', and lay particular stress on all such points, as you may desire. -

Yours very respectfully

Rev. C. Motruha, C.M.
Seminary of Our Lady of Angels
Suspension Bridge
N.Y.

261883-01-71

THE GRAPHIC COMPANY.

THE DAILY GRAPHIC,
\$12 a Year.

39-41 Park Place, New York.

PRINTING
in Every Variety.

Robert
New York, Jan. 11th 1882

Thomas, A. Edison Esq.
65 Fifth Avenue

Dear Sir

I did myself the honor of
calling upon you today with reference
to a new departure which I have
suggested to the "Graphic" viz that we
should devote, at least once a week,
a page of the Graphic to American
"Enterprises and Commerce."

Some three years ago whilst in
Boston I was much interested in
the success of electric lighting and
modernized acquainted as far as I
could with your system, the Boston
Wallace Farmer etc. having the kindly
assistance of Professor Swinbridge of
Cambridge. I am now anxious

THE GRAPHIC COMPANY.

THE DAILY GRAPHIC,
\$12 a Year.

39-41 Park Place, New York.

PRINTING
in Every Variety.

New York, 1888

To publish a page in the Graphic
1/4 of which I propose to devote to
illustrations and the remainder
to letter press or if you thought
more two pages for I consider
the subject too important to crowd
into an insufficient space.

Will you kindly make an
appointment, should you desire
to encourage the idea, and I
can explain my views to you
more thoroughly.

Yours truly
Randall H. Pollock

26

1883-01-13

AMERICAN SOCIETY OF MECHANICAL ENGINEERS.
Rae
SECRETARY'S OFFICE, No. 239 BROADWAY,

New York, Jan 13 1883

Dear Sir:

I send you by ~~express~~
your Phil^l article for
final revision

Please make such corrections as you deem
needful for app^{ee} in book-form
and return to me by 31st inst

at the latest.

THOMAS WHITESIDE RAE,
Secretary.

G. W. A. Edison Esq

SCIENCE:

An Illustrated Weekly Journal.
MORSE KING, PUBLISHER,
CAMBRIDGE, MASS.

Editor's Office,

Cambridge, Jan. 16 1888.

Mr. Thos. A. Edison.

Dear Sir:

You have doubtless heard something by rumor of the new scientific journal I have undertaken to edit and I enclose a prospectus to acquaint you more fully with its plan and scope. The first number is in the printer's hands and my object in writing you is to call your attention particularly to my purpose to have it reflect the best work of American science and to solicit such communications as may be of service to the work.

Very respectfully yours,
Hans O. Reichenow

1873-01-16

SCIENCE.

Under this title, the undersigned will shortly publish an illustrated weekly journal, to which the attention of scientific men and the educated public is invited.

SCIENCE will be a strictly independent journal, devoted to the advancement of knowledge and scientific research in America, and will be technical only in so far as the subject-matter may require. On the one hand it will claim the support of scientific men as the most available channel for the early publication of condensed results of their researches, and on the other it will appeal to the intelligence of the general public by its careful exposition of scientific discovery; while both will profit by its weekly reports of scientific progress, drawn from original sources of the very latest date, and from all parts of the world.

SCIENCE will offer a ready and rapid means of intercommunication between the scattered scientific men of America, which they have never yet enjoyed, and will endeavor to become, in a high sense, the exponent of the best scientific thought of the country. By its impartial reviews of scientific literature, both native and foreign, it will be welcomed by every person of ordinary culture. Particular attention will be paid to current periodical literature and the proceedings of learned bodies, which give the latest results of scientific study; arrangements will be made for their early receipt, often in advance of ordinary publication; and the miscellaneous material so obtained will be carefully digested, and presented under specific heads. This prominent feature, which has never before been introduced in a weekly journal, will be particularly attractive to the specialist, in whatever branch, who will at once know where to look for the latest information about all the more important work in his own field of investigation.

SCIENCE proposes to furnish original articles by the most capable writers on the results of scientific research, to urge the importance of scientific education, and to illustrate the applications of scientific principles to all matters pertaining to national progress and practical affairs of every kind. The scope of SCIENCE will be as broad as its name: in every field of inquiry where the scientific method is adopted, it will hope to enter. Chronicler of the latest discoveries, but without affecting to hold a judicial position, it will indicate their relation to current thought and philosophy, as well as to the exigencies of daily life, in a fearless yet reverent spirit, — not too hasty in supporting

plausible hypotheses, but ever open to the truth.

To promote one of its chief objects, and as a distinctive feature of the journal, SCIENCE will give its hearty support to those who are endeavoring to introduce the study of the natural and physical sciences into public and private schools, by drawing attention in every possible way to the high importance of this measure, as well as by giving illustrated articles, plainly worded, prepared by skilful hands, to guide the efforts of the teachers themselves.

Practical men will find in SCIENCE carefully written papers on the applications of the principles of mechanics and other branches of physics to all departments of industry and technology. The unprecedented recent advance in the applications of electricity demand for them a prominent place; while optics, acoustics, thermodynamics, mining, metallurgy, engineering, mechanical processes, and all forms of motive power, will receive their fair share of attention.

SCIENCE has secured in advance the goodwill and active support of a large body of the ablest scientific men of the country, as will sufficiently appear upon the publication of a few numbers.

Communications will be received from any quarter, and a fair price will be paid for such as are accepted; rejected manuscripts will be returned to the authors on early receipt of the requisite amount of postage.

Secretaries of scientific societies all over the world, and authors and publishers of works on scientific subjects, are invited to send their publications for notice to the editor as soon as possible after issue.

SCIENCE will be published weekly, beginning early in 1873, in large octavo, each number containing at least twenty-four pages of reading matter, with illustrations. The subscription price will be \$5.00 a year, postpaid; subscriptions may begin at any time; single numbers, 16 cents.

MOSES KING, *Publisher*.

CAMBRIDGE, Dec. 1, 1872.

Books and pamphlets for review, articles for SCIENCE, and all editorial correspondence thereto, should be addressed:—

EDITOR OF SCIENCE,
Cambridge, Mass.

Advertisements, subscriptions, and all business correspondence should be addressed:—

MOSES KING, *Publisher*,
Cambridge, Mass.

26 1883-01-17

THE GRAPHIC COMPANY.

THE DAILY GRAPHIC,
812 N. York.

39-41 Park Place, New York.

PRINTING
In Every Variety.

Ans'd
S. J. Jan 17
New York, Jan. 17th 1883

Sir Randal Roberts presents his
compliments to Mr. Eliason and
would be glad to know if he could
grant Sir Randal an interview
tomorrow Thursday in the forenoon.

Thomas Eliason Esq.



D. VAN NOSTRAND

1873-02-07

PUBLISHER, IMPORTER AND BOOKSELLER,

25 Murray and 27 Warren Streets,

P. O. Box 1111

New York

1893

Feb 7 3
Mr Lane Insull
Dear Sir -

There
is a notice of Greer's
book in the English
Telegraphic Journal
of Jan 13/83 - pp 27.

As Belisari's name
is mentioned in
the review, would
it not be well
to write them &
inform them that
the use of his name
was not authorized
which I understood
was the case from
what you told me
a week or so ago.

STANTON MAY 11

The other parties
mentioned in the
review propose
~~do~~ doing so &
Mr Edison should
be no exception,
if Greer uses
his name without
permission -

Yours truly
C. C. Spies

26.
Feb. 15 1883

Rev. C. Matruha

requests Mr. Edson
to send the data
to Mr. Schellen to
be published



COLLEGE & SEMINARY OF OUR LADY OF ANGELS,
Saratoga Springs, N.Y.

1883-02-15

Feb. 15th 1883.

Dear Sir :-

I hope, you received my last
letter of Jan. 3^d -

A few days ago I received
a new letter from Dr. Schellen,
in which he tells me, that the
new edition of his work shall be
ready for distribution at the end
of June, opening of the Vienna
Electrical Exhibition.

He is much impressed with
the late great successes of your
Incandescent Light, and he
wishes to speak of it, in columns.

Consequently if you wish, that
the data, you kindly promised,
shall be published in this work,
it would be about time, to send
them to the learned gentleman.

I would not like, that you
should be disappointed in this
regard, and for this reason I
thought it my duty, to let you
know about the term of publication.

Please excuse my importunity!
Yours very respectfully.

Rev. C. Moruya, Em
P.O.L.A. Properman Bridge
N.Y.

20 1883-02-24

THE NORTH AMERICAN REVIEW

Feb. 24, 1883.

Dear Mr. Editor,

How about April
1 for the little article on Elec-
tric Railroading?

Yours very truly,

L. S. Metcalf



1883-02-28
D. VAN NOSTRAND,
PUBLISHER, IMPORTER AND BOOKSELLER,
22 Murray and 27 Warren Streets,
New York, Feb 28 1883

Infant Insull

Dr Sir Senelore

Slip which goes
attaches to every
copy of his pamphlet
on "Storage" which
he sends to the press
for notice }

He still
uses Edison's name
as you will see -

As the man is
such a humbug &
his book such
rubbish it really
does Edison harm
to permit him to

33

Feb 28. 88

Specs

use his name approving
abook which all
the electrical
journals denounce

Gunning
C. B. Speirs

1883-03-02

MANUFACTURERS' AZETTE

259 WASHINGTON STREET.

WILLIAM A. HUYET, Editor.
JOHN W. CHANDLER, Business Agent.

am Boston, March 2nd, 1883

Mr. Edison.

Dear Sir.

This will introduce
to you Mr. Frank B. Perkins, one of your
editors, who visits New York in the in-
terest of the Azette, and who desires
to meet you. You will find him a
general and accomplished newspaper
man with a high appreciation of your
light and system, and one who will
thoroughly appreciate any courtesies
extended to him.

I am, my dear sir,

Yours very truly,

West Hartwell,

Author of "Laid-off Electricity."



D. VAN NOSTRAND, 1883-03-03

PUBLISHER, IMPORTER AND BOOKSELLER,

23 Murray and 27 Warren Streets,

New York

Mar 3
March 3

Friend Ingersoll -

*The enclosed
Slip has reference to
Greens Dicty of
Electricity*

Edison's
how the only
one whom he
can advertise
as approving of the
book - Yr writing
BB Speers



Office, No. 2 Ann St.,

(HERALD BUILDING)

March 5th
Shaw

New York, March 5th 1883

Dear Mr. Edison.

One of our reporters is preparing an article on the International Electrical Machinery Exhibition at Bremen. He called at No 65 Fifth Ave, and was informed by Mr. Meadinscraft of your Company that the object forming your exhibit would be sent from the Compagnie Edison of Paris. Would you kindly help us out by giving us some idea of what will be sent Bremen before your genius as an electric inventor.

Yours very truly
Geo. A. Shaw

My Paris & London Exhibit is now here I had no idea the Americans would have an exposition here its too late for me = Our Electric Light Co. will exhibit all the devices of a complete system of electric light from the Central station plan.

(P. O. Box, 1474)

Up-town Office, 135 East 10th Street.

NEW YORK, N. Y.

1893-03-06

50 Electrical Engineering is the best and only Profession not overcrowded.

The *Recent* extension of the Telegraph system, and the wonderful advances made in Electricity, Electric Lighting, Electric Railroads, Transmission of Power, Cables etc., offer great advantages to those seeking profitable employment. Telegraph Engineering, the most profitable, and one which has not yet become overcrowded, seems to be the coming profession, and one of the most important and all branches of business being exceptionally broad.

A course of Electrical Engineering has been established in each Telegraph Engineering. The students not only receive practical instruction through the best teachers for young men to study. Some Telegraph Engineers have been successful in business. Electricity is a very interesting study, and one that women are extremely fond of.

Every department of Electrical Engineering especially Electric Lighting and construction of Electric Telegraph and Telephone Wires undertaken in any part of the world. The Dictionary of Electricity, the latest and most practical book for Colleges, Schools, Electricians and Telegraphers and is a part of the globe on receipt of price \$2. or 4 shillings.

New York

1893

Mr. J. J. Greer, N. Y. Clerk

Please deliver all the Dictionaries except one to the brokers they are about to come on this same floor that you are.

Yours truly,
J. J. Greer

OFFICE OF THE
SYRACUSE SUNDAY TIMES,
428 W. WATER STREET—
WEED & COMPANY, PUBLISHERS.

D 1883
Menlo Park

Syracuse, N. Y., March 8 '83

Thos. A. Edison—

Sir— I have been occupied at the intervals of my newspaper work for some years, on a book relative to the leading inventors of America & their works. You would naturally come under that heading, and I want to ask some questions. Is the matter in the book published by McClure, of Chicago, correct in a general way? Is the brief account there of the discovery of the principle of the Phonograph true? Has your Menlo Park laboratory ever been described in print & can you furnish me the matter. If not, can your Secy furnish such a description? Have you electrotypes of your building? Are your facts & numbers now living? What is the present total of your patents (& your income from them—if there is no objection to giving it). Is your electric light, in its present status, as used in New York, giving satisfaction & will it probably be introduced generally in its present form? Can you furnish extracts of the cuts in the Chicago book?

It is proper for me to say that the work I am

my apd on, will probably be published by ~~the~~ Harper,
& I trust, will place your sketch in good company &
in creditable shape. I, therefore, hope you & your assistant
will give me whatever aid you can consistently. Just
before the work is published, I shall be glad to get
a recent photo of yourself.

Respectfully yours

negatives a short
photo of Mr. Davis
will be fine for
H. B. Smith

27
H. B. Smith



39
Office, No. 2 Ann St.,

Shaw
(HERALD BUILDING.)

March 9, 83

New York, March 9th 1883

Thomas A Edison Esq

(Dear Sir,

I send you a Saturday Review
which contains something about transmitting power
by Electricity, which may interest you. If you would
like to tell one of our reporters what you think of it
and what has been done in that line in America,
or would dictate something to your shorthand secre-
tary, I should feel infinitely obliged.

Yours very truly

Geo. A. Shaw.

P. S. Yesterday's Globe had a picture of the
apparatus at work.

AMERICAN RAILROAD JOURNAL.

Established 1831.

American R. R. Journal Co.,
284 Pearl Street, cor. Beekman,
(OVER MARKET NATIONAL BANK.)

NEW YORK, March - 10 - 1882

My Thomas A. Edison

Dear Sir:

The American Railroad Journal devotes a portion of its columns to the publication of articles relating to new inventions applicable to railroads steam navigation street railways, etc. we therefore invite you to send us a description of your Tunn Table for Electric Railways Pat. # 273,459, with cut if you have one, which will be published free of charge. We however would be happy to furnish you any number of copies you may desire at 100 each; an order for 50 copies will entitle you to one years subscription to the Journal which you will find of value and interest.

We should also be pleased to furnish estimates for engraving on wood, and would here say that we can reproduce your cut as shown in the Official Gazette for \$200.

Hoping you will give still attention kindly let us hear from you.

Yours Very Truly

Amer. R. R. Journal Co.

D 1882
Edison, T.A.-
Personal

1883-03-20

THE KEITH ELECTRIC COMPANY,
Manufacturers of Electric Machines, Lamps, and other Apparatus for
ELECTRIC LIGHTING
AND POWER.

H. S. KEITH, ²³⁷ ~~Co. Park Place~~ General Manager.
OFFICE, 237 BROADWAY AND 52 NASSAU STREET, NEW YORK CITY.

Estimates given for Lighting Streets, Public and Private Buildings, Steamships, Wharves, Etc., Etc.

Territorial Rights granted under the Keith System of Electric Lighting.

New York, March 20th 1883.

My dear Mr. Edison:

After many delays, trials and tribulations the long announced book "Translation of Schellen, with notes, additions etc by H. S. Keith on Dynamo Machines" is about ready. That is not the exact title, but answers for this purpose.

I have delayed writing you and yours up until the last moment; so that the latest and, we trust, the best may go in. Now I can delay no longer.

I want everything you may have of general interest in electric lighting and the transmission of electric energy in shape of stationary and locomotive power.

Will you have notes and illustrations made of such points as you may choose to divulge, and appoint an early time for an interview?

Yours, resp'y
H. S. Keith

Thos. A. Edison Esq.
65 5th Ave
New York City.

I will
wait to hear
from you

Mr. Wm. B. Eddy
Boston
Hwy. to
Edison

1883-03-26

St. Louis, Mo.

Mar 26, 1883

Chro

Dear Sir: =

I am
putting into print the last
pages of Knight's American
Mechanical Dictionary, and
in the interest of the public &
our own, & yours, would re-
spectfully ask if you could
furnish me an article on
secondary batteries, telephone
&c. giving latest forms &
developments; and any other
electrical article that can be
introduced under "S" or fol-
lowing letter ^{(with} illustrations)

Dr. Knight (my father-in-law)
was a great respecter of Edison.

26
March 88
as shown by his action at the
Paris Exposition, and intended
bringing his article up to date
of publication. His untimely
death, however, prevented, and
I shall hold the copy if you
will kindly furnish me such
articles, or if you can
do so, please furnish same
within a week.

Any article under Secondary
Battery, Telephone, or other
letter after or in "S" will be
thankfully received, with
and would also be glad for
illustrations.

Very Respectfully

C. D. Campbell

RECEIVED FROM
Alfred

^{3d}
1883-03-31
Riding
YOUTH'S COMPANION
JOS. W. FARR.

March 31st 1883.

Dear Sir:

Referring to your obliging
letter of October 30th /82. I beg
to say now that I shall be in
New York on April 8th, and that, with
a view to writing an article on
Mr. Edison, and his work, for the
Companion, I shall be glad if
you will arrange to give me

are a two days as may best suit
your convenience during that week
in showing me the electric lighting
station and the electric railway
at Menlo Park, etc. which you
very kindly said you would do.
I shall be still further obliged
if you will make arrangements so
that I may have a brief chat
with Mr. Edison, & whom I
would like to give a personal

sketch in the paper.

We have a great favor to ask
of him, but as it will take very
little & is immensely valuable
time we hope he may be disposed
to grant it. The Companion now
has a circulation of over 305,
000 copies a week, and we in-
tend that our announcement for the
next volume shall be the strongest
ever issued by an American periodical.
Our list of contributors was in-

cludes Alfred Jenneyson, Victor
Hugo, Thomas Hardy, Dr. Brown,
Seignard, Dr. Wm. A. Hammond, the
Earl of Lytton, General Sir C. C. C. C.,
John G. Whittier, Canon Jarrow,
the Earl of Lytton, W. D. Howells
and, indeed, nearly all the most
distinguished living writers.
Now, we want Mr. Edison to
allow us to include him among
these by writing a brief letter
or article for us on Electricity.

a Professor for Young Men. It need
not take more than an hour or
two of his time, and it need not
be longer than one of our short
columns in length. He will be
in good company and will have
a magnificent audience to address,
and we shall be prepared to pay
him well. I trust, therefore, that
when I see him I shall be
able to induce him to give us
such a brief article as I have

discussed, and I shall be grateful
if, in the meantime, you will call
his attention to the paper, which
I send you a bundle of copies
of this mail.

Thanking you in advance for
your kindness. I am, my dear Sir,

Yours faithfully,

William H. Ridding.



To Samuel Insull Esq.

1883-04-25

THE ELECTRICIAN,

396, STRAND, W.C.

25 - 4 1883

J. A. Edison Esq

My dear Sir

I am anxious to give full details of your work re. Electric railways with as many illustrations as possible. I wrote the other day to Mr. Johnson asking if he had the information on this side but he referred me back to you not having the required materials himself. You will probably have noticed that a short electric rail^{way} is to be constructed here - under the Thames - to connect two of

our terminal stations. This work will no doubt give an impetus to Enterprise in this direction. I am therefore anxious to make the public acquainted with the work done in this direction by you - & trust you will be able to supply me with the requisite notes & diagrams. If the Electric & the British Association comes to America in 1884 - I hope to have the pleasure of meeting many friends on your side - & wish I am not sure whether I shall not come over whenever the movement of the B.A.

I am Yrs. faithfully

C. H. W. Bagg

J. A. Edison Esq

See Johnson
about this
In full

D 1863
Edison, T.A. - Albany
PROGRESS+
PRINTED WEEKLY
BY
Forney Publishing Co.,
702 Chestnut Street,
(and Floor)
Terms \$1.00 per year, in advance.
J. W. Forney, Editor. W. W. Holtzel, Business Manager.



W. R. ... do not ... Please ...
Philadelphia, Pa. 1883
My dear Sir,
I was very much interested by this
issue of "Progress" con-
taining an article headed
"Lighting by gas," to which
I respectfully call your
attention. Will it be too much
trouble for you to let me
know in a few words for
publication in "Progress" whether
you think there is anything in
the idea?
Very truly yours
J. W. Forney

1883-05-08

CHARLES W. ROGERS,
NEW YORK.

New-York, May 8, 1883.

Thomas A. Edison, Esq.,
No. 65 Fifth Ave.,
New York City.

My dear Mr. Edison:

Realizing the importance of having all our printed matter well prepared, especially our leading articles I have sought the services of Mr. Howard Agnew whom I beg to present by this letter, and whom I commend to your confidence and consideration. Mr. Agnew has done a great deal of literary work for me in what I consider an exceptionally able manner and I believe him well calculated to undertake this task. Will you kindly give him as much time as you can in passing him on all matters relating to the Electric Railway, and greatly oblige,

Very sincerely yours,

C. W. Rogers

1883-05-22

OFFICE OF J. A. RUTH & CO'S
Publishing House,

PHILADELPHIA AND CHICAGO.

Chicago, May 22nd 1883

Messrs. A. Edison

Menlo Park N.J.

Dear Sir:-

We have in preparation, by a thoroughly competent writer, & will soon publish, a History of Inventions. in which among other illustrations we mean to use portraits of leading inventors.

Will you supply us with a good wood-cut portrait of yourself? If you have no wood-cut (or electric plate) can you send us a good steel or wood-cut print, or inform us where we can probably secure what we want without going to the expense of having our made?

We would like ~~you~~ to use a good portrait of yourself, as you and your inventions are quite fully written up, which a good portrait would help to make the more interesting. Awaiting reply at your early convenience. We are, very respectfully, yours

J. A. Ruth & Co.

The Operator
Electrical World
W. J. JOHNSTON, Publisher,
209, 9 Murray St., New York.

Will
Grover

883-05-123
MAY 24 1883
ANSWERED
FILE NO.

New York, May 23, 1883.

J. A. Edison, A.M. - 65 Fifth Ave.

Dear Sir—

A series of articles on Electrical Lighting has been in course of publication in The Operator and Electrical World (now The Electrical World), and it is the intention to make them comprise all that has been done and is now doing on the subject. The fundamental principles of dynamo-electricity, the general principles of the production of light from electricity, have been reviewed, together with some of the prototypes of arc lamps. The next thing in order, though perhaps not second in importance is the incandescent lamp. It is my intention to begin next week, if possible to handle the subject, and this is the reason of my presuming to address you. As I want to give an authentic, and accurate account of your lamp, I desired to get advice from the inventor with you. If you could give me a general sketch of your lamp, and the material of the publications that have been received, and details of your lamp, and your opinions given to the press, I should also be a matter of great accommodation to us, if we could secure from you or from the company through your kindness some illustrations, showing the method of constructing the lamp, etc., and any other material that would be of an interesting article. This was my intention, as soon as we have

W. J. Johnston

June 29th 1883
Mr H. Riding
Re Paper on
Electrical Engineering

W. B. B. & W. B. B.

EDITORIAL ROOM.

1883-06-07

10

YOUTH'S COMPANION.
BOSTON, MASS.

June 7 / 1883.

Dear Mr. Inoué :

We are looking with
interest for the paper on
Electrical Engineering, will you
let us have it
very soon?

Yours faithfully,
William H. Riding.

1883-06-12

June 12th.

J. A. Rath & Co.

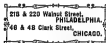
43 & 44 Clark street,

Chicago, Ill.

Dear Sirs:-

In reply to your favor of the 7th. inst., I will see what I can do towards getting a good word out of myself, and write you further on the subject.

Very truly yours,



PHILADELPHIA AND CHICAGO. 1883-06-07

Chicago, June 7th 1883

Mr Thomas A. Edison

65 Fifth Ave. N. Y.

Dear Sir,

Your reply of 1st inst. to our inquiry of May 22nd relative to woodcut portrait of yourself, was duly recd. Doubtless you have many similar applications, and in view of this would it not be a good idea for you to have a wood-cut made that will do you greater, and with which you would be pleased? You could always retain the original & furnish duplicates. This suggestion may appear to you the exhibition of "sublime cheek" on our part; if it does, please pardon the presumption. We look upon it as a matter of business, and believe that financially, & as a matter of satisfaction, it will amply repay you. If however you do not look upon the matter as we do and will kindly send us a photograph, ^{as you suggest} we will have the best cut made from it that can be produced in Chicago.

Awaiting your favor, we are

Very Respectfully Yours
J. A. Runtz & Co.

1883-06-22

S. S. Keith,

Expert in the Generation and
Application of Electricity.
Attention given to Patent Cases.

ELECTRICIAN.

237 Broadway
New York, June 22^d 1883

My dear Mr. Edison:

Mr. Speir wrote to me
yesterday from your office that you
would meet me this evening to
go over the matter for my book.
Please tell me whether
this evening at your office at eight
o'clock will be agreeable to you.

Yours, truly,

S. S. Keith

L. A. Edison Esq.

65-5th Ave

N.Y.

answered

Friday Evening

Monday Evening preferred

1883-06-27



D. VAN NOSTRAND,
Publisher, Importer and Bookseller,

28 Murray and 27 Warren Streets,
P. O. Box 1741.

New York, June 27 1883

James Insull Esq -

Dr Sir - The bill for
50 Thomson's Dynamo
was put in mail in error,
it should have gone with
the books which will not
be ready for a few days -

Kindly refuse to
loan the cut of the Electric
locomotive which I had
cut for you to newspaper
men until it makes its
appearance in our translation
of Schellens book -

Yours truly
C. E. Speer

CS

GEO. WORTHINGTON, Editor.

1883-07-03

THOS. H. DELAND, Publisher.

ELECTRICAL REVIEW

FORMERLY REVIEW OF THE TELEGRAPH & TELEPHONE

Personal

Address all Communications to
DELAND & COMPANY, Proprietors,
P. O. Box 3329.

23 NASSAU ST.,
ROOMS 14 & 15.

New York, July 3rd, 1883.

Prof. Thomas A. Edison
My dear Sir;

I am not
at all pleased with the
aggravating promises of your
friends Steele & Roe concerning
the publication of your
Electric system of Railway
which was to be illustrated
in this Journal first of all,
and if it is your wish at
this juncture that they give
it over to the operators ~~the~~ so-
called Electrical ~~World~~ World to write
up and illustrate also I should
be pleased to know it.

Very truly
Yours
Georgie Worthington

1883-07-10

J. A. Roth & Co.'s
Publishing House,
Philadelphia & Chicago.

218 & 220 WALNUT ST., PHILADELPHIA
30 & 32 CLARK ST., CHICAGO.

Chicago, July 10th, 1883

Mr. Thomas A. Edison

63 Fifth Ave

New York

Dear Sir:--Your favor of June 12th was duly rec'd.

We have been expecting to hear further from you relative to wood-cut portrait of yourself, for our forthcoming History of Inventions. The composition on the book is nearing completion, and it will soon be ready for the press. We trust the portrait in question is in preparation, and will soon be completed, and that we will be favored with it in time for our new book. Will you be kind enough to inform us when we may expect it to a certainity. Awaiting reply at your early convenience, We are

Very Respectfully Yours,

J. A. Roth & Co.

1883-07-30

JOHN WILEY & SONS,
PUBLISHERS OF SCIENTIFIC TEXT-BOOKS AND INDUSTRIAL WORKS.
Agency for S. BAGSTER & SON'S Bibles and Miscellaneous Works.

New York, July 30 1883.

Mr. J. A. Edison

Dear Sir,

If you have any manuscript
or suggestions you would like
to make we will be glad
to use it. We will send
for the Electrics tomorrow
morning - Thanking you for the
favor

Respectfully Yours

John Wiley & Sons

Have none -

JOHN WILEY & SONS, 1883-07-31
PUBLISHERS OF SCIENTIFIC TEXT-BOOKS AND INDUSTRIAL WORKS.
Agency for S. BAGSTER & SON'S Bibles and Miscellaneous Works.

New York, July 31st 1883.

Mr. J. A. Edison

Dear Sir

Is there any manuscript which
gives any description of those
plates we have. We can't
put them in the book unless
we designate what they are
&c - Will you kindly advise
us accordingly & oblige

Rusby
J. S. Wiley

THE EVENING

Office, No. 2 Ann St.,

1883-08-20



TELEGRAM.

(HERALD BUILDING.)

RECEIVED
AUG 20 1883
AIR-MAILED

My dear Sir
after 10 30 PM at

FILE NO.

New York, Aug 18th 1883.

65 5th Ave

Mr Thos. Edison, Wednesday Evening
My dear Sir

It is of propelling energy by electricity.
is just now exciting the moral
public. Would you be so kind
as to let us know when it
would be convenient for us to receive
our moral reports for a
little general information
on the subject. Hoping that
you may not deem this
request too burdensome upon your
valuable time we remain

Very Respectfully,
George A. Shuman
Ed. Telegrams

D 1883

Edison, T.A. - Advice



D. VAN NOSTRAND,

Publisher, Importer and Bookseller,

23 Murray and 27 Warren Streets,

New York

Sept 22 1883

Mr. T. A. Edison
My dear Sir

Mr. Howell
who I have sent me some
cuts which I need for a book
we have in press, several days
ago & again when I sent today
he promised to send them
down this afternoon but they
did not come I really need them
& will thank you very much
if you will remind him of
the matter & see that they
are sent me Monday -

Yours truly

O. B. Speer

RECEIVED

SEP 25 1883

ANSWERED

153

FILE NO.....



D. VAN NOSTRAND,
Publisher, Importer and Bookseller,
28 Murray and 27 Warren Streets,
P. O. Box 1741.

New York,

Sept 23 1883

Mr Saml Insull
City

My dear sir -

The delay
in sending me the cuts I
spoke to you about when I
saw you several days ago
has annoyed us very much.

I will be greatly
obliged if you will have
your boy look them up
send them to me early
on Monday.

Yours truly
B. B. Peirce



D. VAN NOSTRAND,
PUBLISHER, IMPORTER AND BOOKSELLER,
29 Murray and 27 Warren Streets,
P. O. Box 1111.
New York. *Sept 20 '83*

Mr Saml Insell

*Dr Sir Will you
please send me
by boy the cuts
concerning which
I have written
several times -*

*If there is any
objection to my
making use of
them let me know
& I will not delay
my printers any.*

longer -

~~The~~ Space
in the book has
been allowed for
the cuts & their
absence will be
very awkward -

Yours truly

G. B. Speer

ms. A. 1. 1. 1. 1.

E. B. Speer

July 11 1873

87

26

Sept 29/18

S. A. Drake

re taking a
Biographical
Sketch of Mr. Edison

1883-09-29
Melrose, Mass.

September 29th
1883.

Mr. Thos. A. Edison

Dear Sir

At the request
of Messrs. Roberts Bros. pub-
lishers, of Boston, I am
preparing a biographical
Sketch of yourself. I do
not wish to intrude fur-
ther upon your time than
to ask you to refer me

1883-09-29

to some published source

of information that has

your authoritative map-

provided.

Wish the article is to

be illustrated and for per-

manently into book form

you would oblige me by

sending your photograph

for the engravers use.

Very Respectfully

Samuel Drake.

G. J. SMITH, Pres't.

R. W. NELSON, Vice-Pres't.

G. W. CUDMOR, Sec. and Treas.

AMERICAN PRESS ASSOCIATION,

22 & 41 Park Place, New York.

140 & 142 Clark Street, Chicago.

105 & 107 West Fifth St., Cincinnati.

New York, Oct 5 1883

Thomas A. Edison, Of course,

Dear Mr. Edison,

Editor of our Association would like
to talk with you a few minutes.

Will you be so kind as to grant
him an interview, and say
on the enclosed printed card
when it would be convenient
for you to have him call,

Respectfully,

G. J. Smith.

The Scientific American.

1883-10-08

MUNN & CO., Editors and Proprietors.

251 BROADWAY.

G. P. ROSE,

A. R. MATH.

New York, Oct 8 1883

Dear Sir: Over

Referring to your 5th is there
any objection to publishing the name
of the author with the article? Very
In Service

I suppose you have
notified Beach to
hold it. If not add
that Mr. Borden. ^{Special}
request that his name
not be published.

O. J. SMITH, Pres't.

R. W. NELSON, Vice-Pres't.

G. W. CHAMBERS, Sec. and Treas.

1883-10-10

AMERICAN PRESS ASSOCIATION,

20 & 41 Park Place, New York.
140 & 148 Clark Street, Chicago.
100 & 107 West Fifth St., Cincinnati.

New York, Oct 10 1883

Thos. A. Edison,

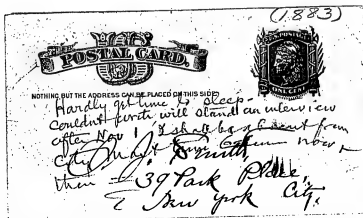
Dear Sir:— Since you say "Why not write a letter?" in answer upon your suggestion, though it is more difficult to explain our business this way, than in a conversation, — Could you write a few short articles for us on "inventions and inventions", "the genius of invention", "Applied Science", "The future of Electricity", or any of the things in your line you might care to talk about. We would pay for them, of course, in order to save you any trouble, knowing you are very busy, if you would prefer if we would send a representative to talk

I write you, who would not ¹⁸⁸³⁻¹⁰⁻¹⁰ ~~write~~ what you say in an easy conversation, put it into shape as an article and so spare you any extra trouble. We are furnishing original literary matter to the extent of first-class newspaper, and have some of the last Krumm articles and most eminent men on our list. Could we arrange with you to do this? If so, please indicate if we shall send somebody around. If you cannot give us some articles, give us an interview, if you can. Please let us hear from you before you leave the city if possible.

Respectfully,

American Press Association,
C. J. Smith, Pres't.

[CA. OCTOBER 12, 1883]



1883-10-15

Mr. Insull,

Please tell them to go ahead at the Scientific American office with the Brush battery paper. The matter has been arranged between Borden and Paine.

One important ~~alteration~~ *alteration* is to be made, viz. on the 7th. line of the ~~xxxx~~ 7th. page of the manuscript, change the figures 19 to 37. They ought to read 37 instead of 19.

S. B. Eaton

Oct. 15th, 1883.

per Mc.G.

1883-10-18

Mr. Edison,

Please ask the Scientific American when they will print Borden's article. I want to put it in the next Bulletin, but of course cannot do so unless the American shall have published it previously. Please urge them to print it in their next Number, Wednesday of next week.

S. B. Eaton

per Mc.C.

Oct. 18th. 1883.

Wish you'd order from Braden
to hold it back if you
get his permission to
go ahead would have it
published
E

1883-10-04

Oct 4th 1883.

Inault.

Please get Borden's Storage Battery from
Major Eton, have it signed "Electron."
and then put Spencer Borden's name at the
bottom, not for publication then write a
letter to.

Friend Beach, I send here with an
interesting article suitable for your columns
on the storage battery written by Mr
Borden of Fall River who sent it to me
to ask my opinion. I think it a very
correct article.

John T. A. P.
per 9.

Respectfully Editor Scientific American
Have a Copy.

Chas.

1893-10-22

Mr. Smith

Will you tell me whether you
have heard from the Scientific
American, about their publishing
Mr. Borden's article tomorrow.

S. B. Edison

Oct. 22, 1893.

Yours truly

Wm. Loh-

Mr. Edison wants to know
what has been done about
this. Mr. Edison

1883-11-05

Mr. Edison,
The Scientific American have not yet published Ro-
den's paper. If you are willing to do it, let me suggest that
you write them and ask them when it will be published.

I am going to bring out a special Bulletin, devo-
storage. If they do not publish this paper I shall
them.

S. B. Eaton

Nov. 5th. 1883.

per No. 6.

*Grand and
Brilliant
article
Wm. G.*

O. J. SMITH, Pres't.

R. W. NELSON, Vice-Pres't.

1883
Edison, T. A. - Advisor
O. W. CUMMINGS, Sec. and Treas.

AMERICAN PRESS ASSOCIATION,

80 & 41 Park Place, New York.
140 & 148 Clark Street, Chicago.
100 & 107 West Fifth St. Cincinnati.

*I can be found any time
at 65 New York, E
W. Edison,*

RECEIVED NOV 7 1883
ANS.
Nov 7 3
FILE No.

Dear Sir - In a letter
written Oct. 12th your Secretary
informs us that you will grant
an representative an interview
for the purpose of talking with
you on electrical matters to
gain material for an article.
He mentioned that you would
be accessible after Nov. 1st. Will
you be kind enough to set an
hour soon, and we will send
somebody. This arrangement will
save time for both of us. E
Very Truly,
O. J. Smith,
We promise to immediately as little of
your time as possible.

20 Fifth Avenue

New York No. 114. 93.

T. A. Edison Esq

Dear Sir

If you have a cut
of your Arc lamp, I would
like to give a set of

Specimen
one

1883-12-23



D. VAN NOSTRAND,
PUBLISHER, IMPORTER AND BOOKSELLER,
28 Murray and 57 Warren Streets,
P. O. Box 1111.
New York.

Friend Innuell

I send you
today three parcels
of electros types.

Among them
you will find the
cuts which Prescott
wants -

Yours truly
C. B. Speed

Write Prescott say
you have the electros

Office Manufacturers Gazette
257 Washington St. Boston

Dear Sir,

I sent you last night a
special copy of this weeks paper
containing my description of Christmas
tree at the height of 10 ft. see middle of
2nd column on 4th page. Please
let me know if you would like extra
copies. Yours - C. B. Speed

1883. Edison, T.A. - Autograph and Photograph Requests (D-83-007) [not filmed]

This folder contains unsolicited correspondence requesting Edison's autograph or asking for photographs of him.

1883. Edison, T.A. - Bills and Receipts (D-83-008) [not filmed]

This folder contains bills and receipts for routine laboratory, office, and personal expenses. In addition, there are several hundred checks paid out by Edison and signed by him or by Samuel Insull, his private secretary. Additional bills and receipts for 1883 can be found in Invoice Books, Cat. 1163 and Cat. 1164 (not filmed).

1883. Edison, T.A. - Bills of Lading (D-83-009) [not filmed]

This folder contains bills of lading for the shipment of merchandise.

1883. Edison, T.A. - Book and Journal Orders (D-83-010)

This folder contains correspondence, bills, receipts, and other documents relating to the ordering of books and journals.

All the documents have been filmed.

Books.

1883-01-15

T A Edison

to C B Speers Dr

Andemann Journal for	
Pract Chemie 237 Vols	425 00
The Chemist 9 Vols 1/2 mor	50 00
Tomlinsons Cyclopaedia 3 Vols	30 00
Fignier Brandeurs Recueil	
2008 1/2 mor	17 50
Red Payment	\$522 50
C B Speers	250
	<u>272 50</u>

31

Jan 15. 88

Spino

[TO SAMUEL INSULL]



D. VAN NOSTRAND, 1933-01-22
Importer and Publisher of Scientific Books
23 MURRAY and 27 WARREN STREETS, (op stairs)
New York.
P.O. Box 1791.

*If Mr Edis no longer
wants the copy of "Dainty
Device," sent him by
Pratt & Central Co. will
you please reserve it
for me - I want it for my friend.*

Wm. H. Brown

NEW YORK AGENT OF THE
COLLEGE OF ELECTRICAL ENGINEERING,

17-Town Office, 121 East 20th Street.

DEAR SIR,

Electrical Engineering is the best and only Profession not overstocked, as

the extension of the Telegraph system, and the wonderful advances made in Electricity, Electric Lighting, Telegraph, Electrical Railroads, Transmission of Power, Cable etc., offer great advantages to those entering this profession. The latest publications, and only one which has not yet been discovered, send to the coming profession, all other

A College of Electrical Engineering has been established in New York City, and the latest publications, and only one which has not yet been discovered, send to the coming profession, all other

Every department of Electrical Engineering especially Electric Lighting and construction of Electric Telegraphs and Telephone Wires undertaken in any part of the world. The Dictionary of Electricity, the latest and most practical book for Colleges, Schools, Electricians and Telegraphers sent to any part of the world on receipt of price \$5. or 8 shillings.

New York, January 1882

Mr Inuit

Please deliver to
Telegraph messenger No. 61
address of Dictionary
of Electricity at
your Co's office.

If any
of your patrons should
want the volume they
are \$2 each. It might add to
your agents' profits etc. to
have them in graphic
and save trouble of
going to dozen book stores
looking for them. Having been

1873-03-05

Paris Feb. 5th 1883.

Dear Sir,

I beg leave to inform you that I have
drawn on you for March 1st for the sum
of Francs 60.- amount of your subscription
to

"La Lumière Electrique" for 1883.

Yours respectfully

Marquis
Manager

RECEIVED
1883-03-05
MARQUIS

Subscriptions payable to order of—

STATISTICAL

1883-03-01

Milan, Ohio, 1881

I have down Monte Park
THE MILAN ADVERTISER
 PUBLISHED WEEKLY BY J. A. EDISON, EDITOR AND PUBLISHER.
THE MILAN ADVERTISER
 PRINTED BY J. A. EDISON

To subscription from July 8/81
 to Jan 8/83 27 years 150 \$ 375

Dear Sir. Please take time
 enough to consider the above
 & authorize your book keeper
 to send me draft for above
 amount
 Yours Truly
 J. A. Edison

20-30 p.m.
 New Brunswick, N.J. Mar 3, 83
 J. A. Edison, Esq.
 Dear Sir.— Your subscription to the
 Weekly Times was ordered stopped in
 December last. Please remit \$5.00
 due for the same.
 A. E. Gordon
 per C. H. S.

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

3/1883. 03-12

NEW YORK

Mar 12th 1883
Baldwin & Mowry

Messrs Baldwin and Mowry,
Milan
Ohio.

Dear Sir:

Enclosed please find
checks for \$3.⁷⁵/₁₀₀ for subscription
Milan advertiser please discontinue
sending paper and acknowledge
receipt of check

Yours truly

Samuel L. Sull

Private Secretary

Sir. Check for \$3⁷⁵/₁₀₀ received and
same passed to your credit on
full settlement of subscription to
date. Paper will be discontinued per
request. Thanking you for your
prompt attention

Respectfully,
3/14
Nesbain J. S. Sull

Baldwin Mowry

Books

New York Apr 15th /83

Mr T A Edison

To C. E. Speers & Co

Beller Journal for
Chmie 80 vols \$200.00

Recd Pay

C. E. Speers

arrived
Jan 24 1883

D. APPLETON & CO.,
Publishers,
8 BOND STREET.
Cyclopaedia Department.
A. H. GRIESBACH,
P. O. Box 1000.

1883-04-23

New York, April 23rd 1883

J. B. Edson, M.D.
71 Broadway,
City.

Dear Sir,

The Volume of Appleton's Cyclopaedia for '82
being ready for distribution in a few days, you will please
inform us when and where to deliver the Dresden envelope and
check in answer to Appleton's copy.

Very respectfully,
A. H. Griesbach.

344883-2572

The "Portfolio,"
AN ARTISTIC PERIODICAL
EDITED BY
PHILIP GILBERT HAMERTON.
\$10 PER ANNUM.

L'ART.
REVUE HEBDOMADAIRE ILLUSTRÉE,
\$32 PER ANNUM.

* Public institutions liberally dealt with.
Libraries purchased.

J. W. BOUTON,
PUBLISHER, IMPORTER AND BOOKSELLER.
Bouton
RARE, STANDARD AND FIRST ILLUSTRATED WORKS,
PERIODICAL LITERATURE, &c
ENGLISH AND FOREIGN.
708 BROADWAY.

New York, May 12 1883

Thomas A. Edison, Esq.
N. Y. City

Dear Sir:

Please place me with
a cheque for the two sections of
Illustrations delivered to you Feb.
3, April 9 last. — \$200.00

Yours very truly
J. W. Bouton
for [Signature]



D. VAN NOSTRAND

1883-05-19

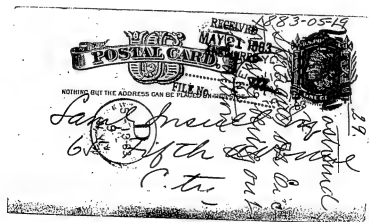
Importer and Publisher of Scientific Books

25 MURRAY and 27 WARREN STREETS, (opposite)

N. Y. C.

New York.

Apparatus on Electricity
is out of print. A
new edition is preparing
and will be sent you when
ready in two or three
weeks.



1883-05-31

TELEGRAPHIC ADDRESS:
ENG. LONDON.

TELEPHONE No. 8663.

PUBLISHING
DEPARTMENT.

ENGINEERING:

AN ILLUSTRATED WEEKLY JOURNAL,

EDITED BY WILLIAM H. LAW AND JAMES DREDGE.

Offices, 35 & 36, Bedford St. Strand.

London, W.C.

31st day of May 1883

Mrs. A. Edison Esq
65 Fifth Avenue
New York.

Dear Sir,

I beg to remind you that we have an amt. amounting to £3.12. standing against your name, for subscriptions for our paper sent to your private residence, Maida Park at one time. I now sent to New York. Our agents in America say they have been unable to collect it. As you have been on our books a considerable time I feel sure your omission to send the amount is through an oversight

on your part. - Kindly remit at your earliest convenience, & oblige

Yours truly
Charles Gillbert
Publisher.

1883-05-31

received
June 11, 1888

1883-06-08
The American News Company 33
39 & 41 Chambers St.
New York
Managers Office June 8 1888

M. J. Edison
45 5th Ave. City
New York

Referring to your favor of the
14th moved day. We only
supply dealers and moved
respectfully refer you to the
office of Publication of those
papers you wish. We could
if you so desire subscribe
for a year ahead and have
the papers mailed to you
from the office of Publication
of your wish us to do so

Kindly state how long you
wish the subscription to run -

Yours Truly
Darius Tamm
Manager

1883-06-14

American Gas Light Journal.

A. M. CALLENDER & CO.,
PROPRIETORS.C. E. SANDERSON,
MANAGER.G. WARREN DRESSER,
EDITOR.New York, June 14th 1884

T. A. Edison Esq.

Dear Sir:

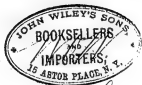
We have no catalogue of books relative to gas illumination, but we send you a list of such books as we have for sale.

"Fitz's Treatise on Coal Gas" Mills	\$3.50
"Gas Manufacture" Richards	1.25
"Gouditch on Coal Gas"	4.50
"Newberrings Hand book" just out	4.80
"Gas Measurement & Gas Meter Testing"	1.00
"Gas Consumers Hand book"	.20
"Gas Consumers Manual"	1.00
"Practical Treatise on Gas"	5.00
"Air as Fuel"	5.00
"How to burn Gas"	1.00
"Lunge on Coal Gas"	8.50
"Gas Cables and Cables"	3.00

Yours truly, A. M. Callender & Co.

34

June 23, 1883.
John Wiley & Son
re the "Engineering"
being unpaid for.



1883-06-28

June 23rd.
Thomas Edison Esq.,
Dear Sir:

For the
past ten years we have been
sending the London Engineering
to 5 Fifth Avenue
sending as per order from
you.

1. Edison Electric Light Co.
2. S. B. Eaton & Co. New York
3. Thomas A. Edison Esq.

1883-06-28

1883-06-29
JOHN WILEY'S SONS,
18 ASTOR PLACE—N. Y. P. O. STATION D.
IMPORTERS OF ENGLISH AND FOREIGN BOOKS.

AGENTS IN ENGLAND, SCOTLAND, FRANCE, AND GERMANY, CHAS. CLARKE & SON, WARELY.
FOREIGN CATALOGUES MOILED TO ANY ADDRESS UPON.

New York, June 29 1883

Thomas Edison Esq.

Dear Sir:

We enclose
bill for London Engineering
for the past two year and
also for the ensuing year.

We shall continue
sending the paper to the
same address (55 Fgth St. N. Y.)

Yours Respectfully
J. Wiley & Sons
J. W.

OF USE BRENTANO'S LONDON EXCHEQUER JET BLACK INK.

P. O. Box 1401.

ESTABLISHED 1813.

BRENTANO BROTHERS,

(LONDON DIRECTORS, &c. PATENT PRINTING, BOOK BINDERIES.)

PUBLISHERS, BOOKSELLERS, IMPORTERS, STATIONERS, NEWS AND MUSIC DEALERS, *Edison, T.A. - Advice*

Warranted, D. G. A. BRENTANO & CO.

Subscriptions invited for Magazines, Newspapers, etc., wherever published. Orders by mail solicited. Any book advertised by the different publishing houses will be sent to any address, post paid, on receipt of the advertised price. Catalogues of Foreign Newspapers, books, etc., sent upon application. Special Agents for European Papers.

American Catalogue, \$1.00 per annum. 10c. per copy.

TELETYPE TICKETS AND BOOKS FOR ALL PLACES OF ANGLENT. ORDERS BY MAIL OR TELETYPE PROMPTLY FILLED.

5 UNION SQUARE, NEW YORK. *July 2 1883*

I Insure Co.,

*Dr Sir In your order to 7x
you say
the Bulletin*

*Bulletin 2 was
to be supplied half and monthly.
Do you mean American Bulletin
+ Bulletin News is one item or
Do you mean the London Bulletin
News, outside of the American Bulletin.
In case you want the latter only,
shall we send a weekly and
a monthly copy, - 2 copies*

*Very Resp
Brentano Bros*

7

1883-07-10

The American Gas-Light Journal.

24th Year, (Illustrated.)

Devoted to the interests of Illumination, Heating, Ventilation, Sanitary Improvement, Domestic Economy, and General Science.

A. M. CALLENDER & CO., Proprietors,

Office, 42 Pine Street.

New York, *July 10th 1883*

L. M. Addison Esq. Marble Bank N.Y. Dr.

For Subscription from Dec 1/82 to Dec 1/83 (\$5.00)

Advertising

Sub. Expense

Received Payment,

Shank

A. M. Callender & Co.

Transmit ONLY by Draft, P. O. M. O. or registered letter.

1883-07-20



D. VAN NOSTRAND,
PUBLISHER, IMPORTER AND BOOKSELLER,
28 Murray and 27 Warren Streets,
P. O. Box 1211.

New York

July 20/83

Saml Insull Esq

Dear Sir

Truscott's
Experiments referred
to in yours of 13th
are contained in
the "Comptes Rendus"

I shall enter
your name as a
subscriber for 1883?

Yours truly
D. Van Nostrand

1883-08-30



D. VAN NOSTRAND,
PUBLISHER, IMPORTER AND BOOKSELLER,
28 Murray and 27 Warren Streets,
P. O. Box 1211.

New York

Aug 30/83

Mr. Latimer Esq

The copy of
Sprague's Electricity
has just been returned
to me by a party to
whom it was sent
in error - I hasten

to send it to you &
hope it has caused
no inconvenience.

Yours truly
D. Van Nostrand

OFFICE OF

1883-12-05

GAYLORD WATSON,
Map, Chart and Book Publisher,
278 Pearl Street, near Beekman,

MAP

ENGRAVING, PRINTING AND COLORING, AND MOUNTING OF ALL DESCRIPTIONS.

New York, Dec. 5th 1883

J. A. Eclson Esq.
Pearl St

Your favor
of this day is recd. and
content noted. I will
have your map mounted
and delivered, soon as
possible.

Respectfully Yours
G. Watson

1883-12-12

Office of "The Engineer."

163, STRAND, LONDON, W.C.

Dec 12 1883

J. A. Edison Esq.

My dear Sir,

New York

USA

Excuse me calling
your attention to your
Letter to the Engineer. - I have
an answer now due 1882
1883 - The and is L. C. O

Be so kind as to send me

Yours

J. A. Edison

J. A. Edison

Mr. Mc Gowan,

1883-12-26

Please note Mr. Edison's remarks on the attached letter, in which he requests you to see if the volumes referred to are missing in his set.

December 20th, 1883.

A. O. Tate;
per G.

Q

1883-12-24

*McLaurin please
look over these
Vol are waiting for my set*

EDISON ELECTRIC LIGHT COMPANY
EDISON COMPANY PATENTED LIGHTING

NEW ENGLAND DEPARTMENT.

BOX 3311 BOSTON, Mass. HERALD BUILDING. SPENCER BORDEN, Manager.

Christmas *Boston* December 24th, 1883.

*McLaurin please
look over these
Vol are waiting for my set*

T. A. Edison, Esq.

Dear Sir:-

On examining my books of which I told you,

I find they are,-

"Memoirs of the Royal Society," being an abridgement of
the "Philosophical Transactions" from the foundation of the Society
1665 to 1735 inclusive. "Illustrated with copper plates by Mr.
"Baddeley. London, MDCCXXXIX."

If you find the ten volumes of my set, are what you
need to complete yours, I will be pleased to make you a Christmas
present of them.

They are in excellent preservation, bound in leather.

Wishing you a very Merry Christmas, and a Happy New Year.

Yours very truly,

Borden

1883. Edison, T.A. - Clubs and Societies (D-83-011)

This folder contains correspondence, bills, receipts, and other documents relating to Edison's membership and activities in social clubs and professional societies. Also included are requests by clubs and societies for lectures by Edison and for exhibits of Edison's inventions.

Approximately 40 percent of the documents have been filmed. The following categories of documents have not been filmed: published proceedings; printed circulars; form letters and other routine correspondence regarding meetings and other activities.

1883-02-00

American Association for the Advancement of Science.
MONTREAL MEETING, AUGUST, 1882.

ASSESSMENT RECEIPT.

THIS IS TO CERTIFY

No. 1186

Ist *Nath. A. Edison*

Has paid the Assessment for the Montreal Meeting.

F. W. PUTNAM, Permanent Secretary.

By *B. A. Watson* Assistant.

Please take this receipt to the meeting.

31

Amesbury Adm. Serv.

Feb. 1883

1883-03-24

C. H. LEWIS.

Cape Jellison Land Office,

Boston Office,
414 Sears' Building.

Room 24, Mills Building,

New York, March 24th 1883

Dr. T. A. Edison
Dear Sir

Enclosed find
Circular respecting the dinner of
the Associated Alumni and Past-
Cadets of Norwich University, now
Lewis College. You, having
received a degree from this
institution, are entitled to a
membership in the Association,
and the Committee from me
in soliciting the honor of
your presence at the dinner.

General G. M. Dodge, L. G. Kingsley
and other prominent Alumni
have sent word that they will
join with us in this Social
Refrat. Hoping to have
the pleasure of meeting you
on the 28th, I am

Most respectfully Yours

C. L. Hathaway Ph.D.

Vice Pres. Lewis College

1883-03-20

New York, 20th March, 1883.

A number of Alumni and past Cadets of
 Norwich University will join in a dinner at the
 Hotel Brunswick, 5th Avenue between 26th and 27th
 Streets in this City on the 28th day of March, instant.
 The dinner will be served at 7 o'clock p. m. and
 will cost dollars each person.

The Committee trust that nothing will prevent
 your attendance.

A business meeting for the purpose of forming
 an association to continue these meetings from year
 to year and for such other purpose as may seem
 desirable will be held at the same hotel at six
 o'clock the same evening.

Those intending to be present who have not
 already done so will kindly send their names to

Charles B. Haughton,
 No 37 Wall St.
 N. Y.

ausw
ELEKTROTECHNISCHER
VEREIN.

Electrotechnical Soc.
Berlin den *26ten* April 1883

1883-04-26

3

Der Wohlgeborene beehrt sich der Unterzeichnete ergebenst zu benachrichtigen,
dass Ihre Beitritts-Anmeldung zu dem Elektrotechnischen Vereine gemäss §. 4
der Vereins-Satzungen in der nächsten ordentlichen Vereins-Versammlung zur Verlesung
gelangen wird.

Weitere Mittheilung über die erfolgte Aufnahme wird ergebenst vorbehalten.

Für den Vorstand

Der Schriftführer:

Unger

Translation:

Berlin April 26/83

The undersigned begs herewith to notify you
that your application for membership of the
Electro-Technical Society, will, according to
Paragraph 4. of the bye-laws of said society, be
brought before the next meeting.

Further notice concerning acceptance respectfully
reserved.

For the Committee

Unger
Secy

1883-05-25

American Numismatic and Archaeological Society.



RECEIVED UNIVERSITY BUILDING,

MAY 26 1883

Washington Square, N. Y.

ANSWERED

FILE NO.

May 25 1883

Prof. Thos. A. Edison,
5th Ave., 413th St., New York
Dear Sir:

Your name has been
proposed for membership in this
Society and approved by the
Executive Committee.

If you desire that the nomination
be acted upon will you kindly sign
and return the enclosed bank applica-
tion

Very respectfully yours,
W. Dillow, Secy

1883-05-25



AMERICAN
NUMISMATIC & ARCHAEOLOGICAL SOCIETY,
Founded 1857, Incorporated 1865,
25, UNIVERSITY BUILDING,
Washington Square, New York.

The objects of this Society are the encouragement and promotion of the sciences of Numismatics and Archaeology by the publication and dissemination of information relating to these subjects, and by the formation of a Library and Collections.

The initiation fee of Annual Members is five dollars, and the yearly dues five dollars. By the payment of fifty dollars any person may become a Life Member. This payment is in lieu of all annual dues thereafter, and if made promptly after election it is also in lieu of initiation fee. All money received from Life Members is invested by the Treasurer, under the direction of the Executive Committee, and the money thus invested constitutes a permanent fund, of which the interest only may be expended.

All members are entitled to the use of the Library and Collections, admission to the meetings, and to the Publications of the Society.

Copies of the Annual Proceedings, and Constitution and By-laws and Publications may be had upon application.

OFFICERS.

CHARLES E. ANTHON, LL.D., *President*.
DANIEL PARISH, Jr.,
ROBERT HEWITT, Jr., } *Vice-Presidents*.
ANDREW C. ZABISKIE }
WILLIAM POILLON, *Secretary*.
BENJAMIN BETTS, *Treasurer*.
RICHARD ROE LAWRENCE, *Librarian*.
CHARLES H. WRIGHT, *Curator*.

EXECUTIVE
COMMITTEE.

MEMBERS.

Frank Abbott, M. D.,	Alexander Balmaino,
Alexander McL. Agnew,	Benjamin Betts,
John Antoine Armand,	Henry Booth,
Charles B. Anthon, LL.D.,	Charles P. Britton,
Rev. George C. Athole,	Thomas B. Brown,
William Austin,	J. H. Ten Eyck Burr,

MEMBERS.

Robert A. Caldwell, M. D.,
 Frederick E. Canfield,
 Samuel Carter,
 J. M. Coballo, Jr.,
 Frederick W. Christern,
 Jay B. Coruelli,
 Col. Walter Cutting,
 Her. Edwin A. Dalrymple,
 Capt. Wilson, Defender,
 Frederick J. De Peyster,
 Gen. John Watts De Peyster,
 John M. DeL. Jr.,
 Francis W. Doughty,
 Andrew E. Douglass,
 Frank E. Draper,
 Henry Russell Drown,
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 Tracy H. Elson,
 Richard S. Ely,
 Richard Esterbrook, Jr.,
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 Gaston L. Fennell,
 Edward Frossard,
 Charles F. Frothingham,
 Charles Gorgey,
 Lt. Comr. Henry H. Goringe,
 Isaac J. Greenwood,
 William Gregory,
 Thomas P. Grinnell,
 Edward Gresh,
 Julius H. Hagen,
 George R. Hahn,
 William A. Hammond, M. D.,
 S. K. Herzfeld,
 Robert Hewitt, Jr.,
 Henry C. Howell,
 William Henry Hulbert,
 Hon. S. Bartlett Hyatt,
 Brayton Ives,
 John Taylor Johnston,
 Cyrus J. Lawrence,
 Henry C. Lawrence,
 Richard H. Lawrence,
 Walter D. Lawrence,
 Nestor Ponce de Leon,
 Joseph N. T. Lovick,
 Robert E. Livingston,
 Pierre Lorillard,
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 George H. Lovett,
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 Lewis F. Montanye,
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 Robert Morris, LL.D.,
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 Alexander B. Orr,
 Daniel Parish, Jr.,
 Anthony Pfand,
 J. Edward Pollon,
 William Pollon,
 Charles Pryer,
 Charles G. Ramsay,
 Whitaker Reid,
 E. S. Revueick,
 Edward Rowell,
 Frederick A. Sawyer,
 John Sherman,
 Lewis Bayard Smith,
 Herbert P. Soverall,
 L. J. N. Stark,
 Charles Storrs,
 Russell Sturgis, A. M.,
 Hon. Algernon S. Sullivan,
 David L. Walter,
 Leander Waterbury,
 William R. Weeks,
 William Brewster Watson,
 Hon. Benjamin A. Willis,
 Isaac F. Wood,
 Sarah B. Wood,
 W. Bland Wood,
 J. Otis Woodward,
 Solomon Woolf, A. M.,
 Charles H. Wright,
 William H. Young,
 Andrew C. Zabrickie.

1883-05-26

WILLIAM POILLON, Sec'y,

Am. Numismatic and Archaeological Society,

N. Y. UNIVERSITY BUILDING,

Washington Square,

NEW YORK.

1883-05-25

RECEIVED
MAY 28 1883
ANSWERED

No memo
FILE NO. 188

New York, _____ 188

EXECUTIVE COMMITTEE

AMERICAN

Numismatic and Archæological Society,

New York University Building,

WASHINGTON SQUARE.

Please present my name as a _____

member of the American Numismatic and Archæological Society.

NAME _____

ADDRESS _____

1883-07-10

THE SOCIETY OF TELEGRAPH ENGINEERS.

No. 601

Received from 10th July 1883
T. A. Edwards Esq

the Sum of Five Dollars being his Subscription to the Society of
Telegraph Engineers for the year commencing the 1st January, 1883 as follows:—

	£	s.	d.
Member's Subscription	5	—	—
Associate's do.	—	—	—
Student's do.	—	—	—
Publishing Fund	—	—	—
Total	5	—	—

G. J. G. G. G.
Local Secretary & Treasurer for
U. S. A.

1883-07-10

THE SOCIETY OF TELEGRAPH ENGINEERS.

No. 602

Received from 10th July 1883
Chas. B. B. B. B.

the Sum of Five Dollars being his Subscription to the Society of
Telegraph Engineers for the year commencing the 1st January, 1883 as follows:—

	£	s.	d.
Member's Subscription	5	—	—
Associate's do.	—	—	—
Student's do.	—	—	—
Publishing Fund	—	—	—
Total	5	—	—

G. J. G. G. G.
Local Secretary & Treasurer for
U. S. A.

1883-07-26

July 26th.

3

Societe Electrique Edison,

Paris, France.

Dear Sirs:-

I have your favor of the 11th. inst, and have renewed
your subscription for the "Official Gazette" for one year, and
debit your account with the sum of \$7., being cost of same.

Very truly yours,

President:
C. S. H. SMALL.
Vice-Presidents:
Gen. H. Scott,
Prof. F. H. Van der Werf,
J. D. Allen,
W. J. Johnson,
Granville Smith.
Recording Sec'y,
Thos. H. Telford.

New York Electrical Society.

1883-11-05

Financial Sec'y,
J. McKean, Jr.
Treasurer:
F. W. Jones.
Executive Comm.
C. S. H. Small, Gen. H. Scott,
T. H. Telford, J. McKean, Jr.,
F. W. Jones, Granville Smith,
E. C. Crocker, E. L. Bailey.

I never did such a thing in my
life - in fact I couldn't
New York, November 5th 1883.

Thomas A. Edison, Esq.
Dear Sir,

Many members of the New
Electrical Society have expressed wishes to hear you
deliver a lecture before the Society on some subject
appropriate to the objects of such an association
as ours.

You will confer a great favour on myself & give
great pleasure to the numerous friends you have
in our body if you can accede to this
demand.

We need a good lecture from a popular man to
give us a good send-off this season and I
trust you will be able to do this. If you
can do so please let me know & we can
arrange for the selection of an evening.

Yours respectfully,
Charles S. H. Small,
President

(Room 48, W. M. building)

American Association for the Advancement of Science.
MINNEAPOLIS MEETING, AUGUST, 1883.

ASSESSMENT RECEIPT. No. 924

THIS IS TO CERTIFY

That J. A. Edison

Has paid the Assessment for the Minneapolis Meeting
F. W. PUTNAM, Permanent Secretary.

By B. A. Watson Asst Sec.

Please take this receipt to the Meeting.

1883. Edison, T.A. - Creditors (D-83-012) [not filmed]

This folder contains correspondence relating to unpaid bills.

1883. Edison, T.A. - Employment (D-83-013)

This folder contains correspondence from or about employees and prospective employees.

All letters that contain a significant response by Edison or that are from individuals associated with Edison have been filmed, as well as correspondence from individuals who were subsequently employed by Edison. Approximately 30 percent of the documents have been filmed.

1883-01-03?

Brooklyn Jan 3rd 83

Mr J. A. Edison

Dear Sir

MR

I beg leave to state to you, that my reason for being absent the last two days in the New Year day I left my home in haste and went to your office for the purpose of hurrying out some important work, namely Piqua and in my hurry I left or rather forgot my Chest Protector, which in the ~~poor~~ then state of my health was dangerous. By so doing I took a very severe cold and it has settled in my chest and back. In answer to a telegram from the office signed by your name today I said that if possible I would be here tomorrow. In view of the facts stated above and also of the fact that you can have no one who has paid more attention to your interests, although I admit often late in reaching the office, I beg you will permit in your determination to suspend me, unless I hear to the contrary I shall (if possible) be at the office tomorrow. Hoping you will see me I am Yours, ready

Ch Campbell

48

A. Swanson
to
J. A. Edison
re. Position

Mendo Park 7/ 1883.

Thos. A. Edison Esq

Dear Sir!

I have not received any answer!
Regarding to Your Promise
to let me now about a Situation,
at Your Central Station.
which You was spoken of last Monday
even I was in Your Office at 65
Fifth Avenue. I think such a
Situation I could very well
fulfill. As I am accustomed to
Cheap fuel, and Armstrong and
Simmons Engines. I hope You will
not forget my Regarding to Promise
Yours truly
Alfred Swanson

Dubuque Ia.
March 2nd

S. Russell Esq

Dear Sir,

Yours of 23rd recd

I presume Mr. Edison
or yourself could attend
to the matter of letter
to Mr. Johnson. It is in
regard to my brother
being employed in
Mr. Edison's works &
contains a letter from
Mr. J. T. Bailey of Paris
recommending him
Mr. Bailey. It will be
greatly obliged if you
can speak him as stated
in the B's letter. Will you
kindly let me hear from you
very truly
Geo. W. Johnson

Form 14.

Western Telephone Co.

MANAGER'S OFFICE.

D 1883
Employment

Dubuque, Iowa, July 11, 1883

C. H. Johnson Esq.

Dear Sir,

I beg to enclose to you a letter from Mr Bailey of Paris, in regard to my brother entering your Electric Light establishment. My brother is anxious to become practically familiar with the Electric Light apparatus. If you can conveniently afford him an opportunity for doing so he will feel greatly indebted to you. As he is dependent upon his own resources he would require remuneration sufficient for his support. If the reason would do that which would be of great value to the Company. He has some knowledge of the theory of Electricity & of the Electric Light. I may say I am a stockholder in the European Co. & am therefore greatly interested in the light & desire him to gain a practical knowledge.

Your reply will oblige.

Yours respt,
A. Kitey

Berlin 20 Jan '93
 My dear Mr. Johnson:

My friend Mr. A. Kitson & I
 DeBryen wrote me some time ago
 that he wished to get his brother
 into an electric factory where
 he could learn the business thor-
 oughly. Mr. Kitson himself is a
 graduate of King's College London &
 I have known him intimately for four
 years past. If his brother has the
 same qualities I am sure that I
 do you a favor in recommending
 him to you, and you will do me
 one that I shall highly appreciate
 if you will give him a chance to
 try, and look out a little that he
 is treated according to his merits &
 capacity—as you may judge them.
 Yours sincerely, J. F. Bailey



Grand Trunk Railway Company of Canada.

(Form No. 4.)

Passenger

Department,

Detroit-~~Det~~

Station,

Mich 10th

1888



Dear Al -

Please see the enclosed letter.

This is from a very old and much respected friend, and a man whom I feel the utmost safety in recommending. He is a man of superior attainments, and is somewhat of an encyclopaedia in knowledge. He has travelled pretty extensively over the most of this country and knows the lay of the land well. He has a classical education, and furthermore ~~is~~ is a temperate man. He has executive ability of a high order. So much so that the Liberal party in Essex Co Ontario in their recent Election picked him up as their standard bearer for member of parliament - (although he calls the U States his first love) - He was defeated by a few votes.



Grand Trunk Railway Company of Canada.

(Form No. 4.)



Department,

Station,

188

at Present he has nothing upon
his hands, and wants a position.
He worked at telegraphing for some
years - I would very much like to
see him in something. Could you
not make use of him in some
of your many enterprises. I think he
would serve you well - He came
over down to N.Y. and see you if you
thought it necessary. please let hear
at your convenience - Everything Co. Co.
up here. Hope you will send me
that picture you promised when you
can get around to it. I may peep
in upon te. in the spring or early
summer, in mean true Best-Wishes,
True

Yours truly
John Thomas

D 1883

Employment

Hudson Ontario
Mch 10th. 1883.

Мск 10 А. 1883.

J. A. Edison Esq
New York N.Y.

New York.

Having had
the pleasure of meeting you about
¹⁶years in the office at Point Edward
at which place I was learning
Telegraphing with my friend Johnie
Thomas now of Detroit Junction.
I know drop a line as I am idle
thinking perhaps you might be able
to place me in some of your many
employments. A course of mystification
since learning telegraphing might
be briefly made as follows. I have
served several years in the field
offices of RRK of California in
accident department and am well
known in all kinds of circles.

for the past few years have been
 engaged in mercantile pursuits
 and must say I do not like it —
 I was speaking to John to day
 as I contemplated a trip to Florida
 but he advised me to drop you
 all now. I should like very much
 to drop down to keep I need you
 offer me any encouragement
 and I think I need prove myself
 etc. Happily I hear from
 you at an early day I am
 yours
 J. M. McCoy

27

Mich 10.83
Nicolaisen

D 1883

Edison, T.A. - 121 West 97 St
Advice March 10, 1883.

Dear Sir;

Thanks to an introduction from General Christensen I had an interview with you on the 15 last month, relating to an invention I have made (an electric mail carrier) as a man there has been working with electricity for quite a while, I take the liberty to ask you whether I, to judge from that invention, should have a chance to get work in any of your various departments, I am a good draughtsman, a good worker in wood and other materials and has been working at different buildings in New York. Hoping by this

application to obtain what I
want, that is work.

I remain sis with
respect.

²
Richard L. Harrison

Emp. apphs (1883-03-28)

29

Dickson
255 West 24th St
New York City.

Mr. Inoué
Dear Sir

Having called
several times ~~finding~~ you
out ~~3~~ ~~the~~ ~~liberty~~ of
writing ~~to~~ ~~you~~ to ask you
to make an appointment
with Mr. Edison for me
so that I can present a
letter of introduction &
have an interview with him
some day this week that
he may have a few moments
of leisure.

Awaiting your reply -
Remain yours truly,
William L. Dickson

N. Eng. Express
 New Brighton Mar 27th 1888
 Thos. A. Edison Esq.
 1883-03-28
 115th Avenue
 Dear Sir:-

This will introduce to you my friend Mr. Wm. Kennedy, Laurie Dickson, who is a talented young man speaking German & French fluently & has studied electricity. He is very desirous of getting a position of some kind in your establishment. He brings with him from abroad, fine testimonials, & has applied to you from London by letter a short time ago. I can recommend him very highly, and am sure if given the opportunity, would be of good service, and do credit to himself. Anything you will do for him will be greatly appreciated.

Yours Respectfully

27 D
April 7th 1883
Hopkins Employment

Hampden-Sidney College.
Prince Edward Co. Va
April 7th 83

Sam'l Inaull Esq.

65 Fifth Ave. N. Y.

Dear Sir - Your
favor of 6th inst. came to hand
this P. M. Will you please
inform me whether or not
positions are guaranteed by Mr
Edison to all those who place
themselves under his instruction
who seem fitted for the work? I
understand from your letter that
the instruction obtained in the
Department you speak of will
be sufficient without any previous
knowledge to fit one for it.

Please inform me also how long

a time is taken up in this
course and whether there is any
expense connected with it outside
of board & clothing.

Hope to hear from you as
soon as the arrangements are
completed.

Very Truly

H. L. Hopkins

Have you any idea how long it
will be before this department
is opened?

H.

27 1883-04-07
New York
Apr. 7th 1883

Amos Hoffbauer
Mr. Edison, 65 fifth ave.
N.Y.

Dear Sir!

As I hear, there is a talk in your company, as to the impossibility of my promised mathematical calculation concerning a complete district, but I can prove that it is possible and how it has to be done, and more, I can design the mechanical wire calculator, shown to you in the paste board model.

The reason why I did not stay with your company is simply this, that I was desired

the value of my work higher
than I b. or weekly wages, con-
sequently I made an application
for a raise, but it was refused
and so I went

But nevertheless I
will be glad to accomplish
the above stated promise, if
you offer me a sufficient
salary and render my position
so far independent, that I need
my orders personally by you.

yours truly

F. Hoffbauer

105 Forsyth St.

New York

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

(1883)-04-09
33

Kilorn

Lebanon, Pa.

Apr. 9th

L. Russell Esq.

Dear Sir,

The bearer is my brother
thruout the Bailey of Paris
inventions in his letter
to our father as I shall
feel obliged if you will
kindly assist him in
procuring employment
in Mr. Bailey's work
He is not particular what
he commences with so
long as he can earn a
living & become familiar
with the practical part

of Electrical Lighting.

I am, Sir,

Yours truly,

W. H. L. H. H.

I shall feel personally
indebted to you for any
favor shown him &
hope in the future to
reciprocate it.

Subject: BUDDING SCIENTISTS.

188(3)-04-10

ANNON STAGER,
President.
John M. Cline,
100 Parkland Place.
D. H. LECROIX,
Secretary.
Geo. H. Cline,
Gen'l. Mgr.
P. D. JOHNSON,
Asst. Sec.

Western Edison Light Company,

51 & 53 Wabash Avenue.

DIRECTORS.
THOMAS A. EDISON.
ANNON STAGER.
JAS. B. DODGE.
J. W. DODGE.
SAMUEL WHEELER.
NORMAN WILLIAMS.
EDWARD KIRBY.
JOHN M. CLARK.
JOHN CHAMBERLAIN.
ANTHONY F. REEDER.
E. G. SWANSON.

CHICAGO, 10th April, 188

Mr Thomas A. Edison,
65 5th Avenue, N. Y.

Dear Sir:

Mr W. H. Rand, of Rand, McNally and Company, has two sons, one 23 years of age and another younger, the former being now engaged in business and the latter receiving a scientific education.

Rand, McNally and Company are one of the most enterprising firms in the United States in their line and Mr Rand is a wealthy and shrewd business man.

This concern gave me the first order in Chicago for an Edison plant, which they have been using constantly.

Mr Rand also has five thousand dollars stock in the Western Edison Company.

He is quite inclined to have one or both of his sons engage in the electric business and is desirous that they should get some work in connection with your immediate business in New York where they would have opportunity to become thoroughly posted in electrical matters, commencing at the ground floor and working up.

He is a man who believes in hard work and does not want his boys to put on any style on account of his wealth.

What would be the probability of giving one or both of these young men a chance?

Compensation I presume would not be much of an object until they had progressed sufficiently far and something opened where their services would be valuable.

I take a personal interest in this matter on account of Mr Rand's friendship at a time when there was no one to stand by it in this city.

sincerely yours,

Geo. W. Bliss
Gen. Supt.

*The work is to
have the develop
under your supervision*

New York Board of Fire Underwriters,

D
1883

COMMITTEE ON POLICE AND ORIGIN OF FIRES.

Employment

BOREEL BUILDING,

No. 115 Broadway,

New York, April 18th 1883

Thomas A. Edison Esq

My dear Sir

You will remember, that about a month ago, when you was in my office, I mentioned to you, a young man, who had been employed as a Telephone Inspector, and who desired to become connected with the Edison Electric Co, and you consented that I should send him to you.

The name, Abram V. Messerle is the young man I referred to. and I wish you would hear what he has to say in his own behalf.

I know him to be friendly, reliable, honest and ambitious, and if you can give him a chance to prove that he can serve your company faithfully

Yours with very much oblige

Yours very truly
Edw. A. Anderson

A. Messerle

165 Bowry Room 14

27

Apr 28. 83

Hodgson

things got busy again
as he did not wish me
to leave, and I promised
him that I would

I may here inform
you that I have been
foreman on the Canada
Southern Railway 3 1/2 years
also the Chicago & West
Michigan Railway the
Great Western Railway
of Canada. I could put
considerable more energy
and ability that I have
yet had the chance of
showing. therefore I
trust you will give me
a chance to continue in
your service

I remain your faithful
Jas. J. Hodgson

234 Franklin av
BrooklynApr 28th 1883
D 1883

Employment

J. J. Hodgson Esq

Dear Sir

I am glad to see
by reports in the papers
that you are forming
a company for the making
and working your Electric
Motors. I would be very
thankful to you for some
situation at the same
as you are aware I built
under Mr. Tracy the two
Motors you have at Meads.
I left your service on Friday
last in which I have been
for 2 1/2 years as I was
unable to support my family
on 6 hours per day -

Mr. Tracy asked if
I would come back if

27
D
1883
New York. Employment
May 14th 1883
Dear Sir

Excusing your busy
habits, and the difficulty of
finding your disengaged. I
was then and, and, as an interview.

I am at present without
a situation, the Union Electric
Mfg. Co., where I was last
employed, as Book Keeper,
being, from pecuniary troubles,
unable to afford my salary.

From our acquaintance
during the old days of the Gold
Street, at 61 Broadway, I am
encouraged to hope that in
your many enterprises, you
may find for me a place
wherein my services may prove
of value. I am, much, Electrical

or Mechanical, but in Bookkeeping
or any other clerical work. I
will guarantee to give satisfaction,
and if desired, furnish satisfactory
references. Trusting that through
you my period of enforced
idleness may be shortened
I am

Very truly yours

W. B. Doran

Room 7.

86 Liberty St.

Mrs. A. Edson Esq.

85 Fifth Av.

City

Despatch

D 1883

Sacramento Cal m 18, 83.

RECORDED
MAY 28 1883
ANSWERED

Mr Edison,

Dear Sir:

I think I can put into words what I want to say.

I hope you will excuse the liberty I take. I apply to you, not knowing how otherwise to obtain what I desire.

I learned telegraphy in 1875, being then an office boy at Galesburg Ill. I worked five years under Supt F H Dubbs, and the Western Union at various places in Illinois. Supt Dubbs then joining the American Union, he asked me to open their office at Galesburg which I did, working for them until just previous to the consolidation. I then obtained a position as Operator in New Mexico. After working a few months as Opr, Agt and dispatcher, I was appointed Chief Opr and Circuit Manager, my duties being to exercise a general supervision over the lines and offices between Pueblo Col. and Espana Tex and Deming N Mex.

I had charge of the repairs, but generally ran the offices and set up instruments myself, instructing Operators in the use of automatic repeaters and duplex instruments, sometimes taking a hand at repairing and stringing wire.

In July 82 I became tired of the rough country and although my position was a lucrative one, I resigned and came to California. After taking overland pass here for three months I was appointed

night Chief, which position I still occupy.

Since I have been here I have applied myself more closely than ever to the study of Electricity and the accumulation of such knowledge as will benefit me in the profession. I wish to follow.

With the differential galvanometer we use here I have been able to locate closely the many interruptions that have been constantly occurring on this division the past winter.

I have been disappointed in the Pacific Coast. There is little or no business here as compared with the East.

I intend to return East and I wish to get a position where I can have an opportunity of learning all I can connected with Electrical Science. I am willing to pay for the privilege of being allowed to work with and assist a practical electrician, or, if that won't do, I would like to go to work at anything that can be offered me, no matter how simple or small the salary. Indeed I would prefer to start at the bottom, that I may not miss any of the details of the work. I am a pretty good amateur mechanic and not afraid of hard work. I give my whole time to my business, and have, I think given satisfaction wherever employed. I am 22 years old and of steady habits. Can you give me any encouragement? If you will only say that what I desire is possible I will come to New York as soon as I can be released here. Pardon me for occupying so much of your valuable time,

I am yours very truly
Chas. D. Porter

27.
May 21' 1883
W. H. Allen
wards position

RECEIVED
MAY 23 1883
ANSWERED
May 22/83
Hugo 19/83
FILE NO.
Washington Heights Employment
D 1883
Can do nothing here
last injunction to me at
the 'Vandome' — to persist —
will I trust be sufficient
apology for my agentually
you.
Still hopeful of being
identified with your Light
I cannot but think the
combined assurance of a
Telegrapher and Politician
united with an enthusiasm
for the light a sufficient
guarantee of success.

Canst you see
some way of getting
me started, and will
you use your influ-
ence to that end? If
so I shall be eternally
grateful, more especially
as I am now out of
employment.

Will you please let
good Mr. Ince drop
me a line?

Yours truly
W. H. Allen.
Chilington, Mass. }

B. F. STURTEVANT,

PATENTEE AND SOLE MANUFACTURER OF THE



STURTEVANT BLOWER & EXHAUST FAN

FOR CUPOLA FURNACES, FORGES,
STEAM BOILERS, HEATING FURNACES,
DRYING WOOD, COTTON, ETC., AND FOR
PURPOSES OF VENTILATION.

FOR CARRYING OFF SHAVINGS
AND SAWDUST, DUST FROM SAND
AND EMERY WHEELS, REMOVING GAS,
SMOKE AND ALL NOXIOUS FUMES.



SALESROOM, 156, 158, 160 and 162 OLIVER, COR. PURCHASE ST.

Office and Factory at Jamaica Plain Station, on B. & P. R. R., Ward 23, Boston, Mass.

NEW YORK OFFICE, 118 LIBERTY STREET.

All Goods shipped "F. O. D." in Boston.
All Correspondence should be with the
Main Office at Boston.

120 Nassau Street,

New York May 30 1883.

Saml Insull Esq,
65 Fifth ave. N.Y.

My dear Sir:

RECEIVED
MAY 31 1883
ANSWERED

June 1. 1883
FILE NO.

Yours reply to my letter written
from Arlington Heights was handed me as I
was leaving for the city.
You suggest my calling upon Mrs. Borden.
My idea is that appointments to positions in
your Corp are not unlike those made in
the public service - viz. by favor - and I
have no demand upon Mr. Borden.
Now the question may present itself - "What
claim have I upon Mr. Edison?" I answered
"none whatever," but knowing that your
Company covered a large area and were
expanding all the time, and presuming that Mr.
Edison (under your influence) I thought perhaps
he would like an old friend if he had a
cave and all whom he would prefer to favor
if there is no opening of course that settles it
and I will not trouble you further



B. F. STURTEVANT

STURTEVANT BROS. & CO. NEWTON, MASS.
 MANUFACTURERS OF
 STEAM ENGINES, BOILERS, PUMPS, AND ALL KINDS OF
 MACHINERY FOR FACTORIES, SHIPS, AND
 MINES. ALSO, OF ALL KINDS OF
 STEAM TRACTORS, AND
 PORTLAND CEMENT.



Office and factory at Jamaica Plain Station on B. & F. R. R. Ward 27, Boston, Mass.

With great cordiality
Yours truly
 M. H. Allen

CHAS. YAN
 200 N. 1st St.
 Phila. Pa.

We can put him into
 an agency if he
 wants

May 30 1873
May 31 1873
Mr. Wm. Cutting in
Providence R.I.

Give him a letter of
introduction to your friend

1713-06-04

RECEIVED
JUN 3 1883
ANSWERED

1713-06-04
FILE NO.....

165 Broadway, Room 14, New York June 1st 1883

W. A. Edison Esq.

Dear Sir

Yours very remembrance that I called
to see you with a letter from Mr. Anderson of the Board
of Directors. You said you would see what you
could do for me also that I might see Mr. Griffith.
I would like to have a letter of introduction to Mr. G. if
I could get it as I am anxious to get a position.
In my line of work (Telegraph Inspectors) I have had a
varied experience. Was with the Telephone Co at the
time Mr. Gage was making the Edison telephones and tes-
ted them for the Co at his (G's) shop. Was also employed in
the Central office and private line dept. Have been
with the Gold & Stock Cos besides have large experience
in private work. I would be glad to serve your
Co and hope you will favor me with a reply
if there is a chance or if there is not.

Yours Very Respectfully,

Ad. Minicelli

165 Broadway, Room 14

Employment

1883-06-07

BERGMANN & CO.,
ELECTRICAL WORKS,

SOLE MANUFACTURERS OF

FIXTURES & APPLIANCES FOR THE EDISON ELECTRIC LIGHT.

NOS. 222 TO 224 AVENUE D

New York June 2 1883
Mr J. A. Edison,

65 7th Ave. N.Y.
Dear Sir,

This will introduce
to you Mr Henry P. Klein
a young man who, I think,
will be satisfactory to you
as canvasser of gas lights -
He is a brother of our book-
keeper and will recommend -
I have given him an idea
of what will be required of
him and he expresses himself
as willing and prepared to go
to work at once - He will
start at \$15⁰⁰ per week -

Yours truly
S. Bergmann

16

get best doors in
all W & D own
ready for slopes

see Factory
off these docks

get general information - also

see the American Consulate
of maps from the Boston Police
City people here

See Moon or Hatch about U.S. district
in American state

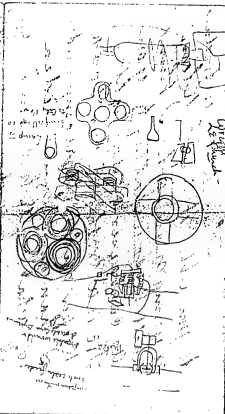
Write Mr. Lee what he will do about
refugees

Write to Mr. Lee when he will come back
and check off the school plan and
for possible students coming to U.S.

See Council about the school

See available people at Boston

about 30 people in the school - about
100 people in the school - about
100 people in the school - about
100 people in the school - about



Beginner about the school for school
about getting in good looking shape
the series by that school but it is
not

Continually Commissioning

Personal office of U.S. Consulate
better than the school but it is
not

Stronger than the school but it is
not

Charles the school but it is
not

anxious to see what the school
is doing

ask Moon what he thinks of the school
and

ask Charles what he thinks of the school
and

ask Charles what he thinks of the school
and

ask Charles what he thinks of the school
and

ask Charles what he thinks of the school
and

ask Charles what he thinks of the school
and

ask Charles what he thinks of the school
and

10 Albert Drive
Crosshill
Glasgow
Scotland
15-6-83

Mr. Edison

Sir

I take the liberty of applying to
you for some information of very great
import to me.

I am desirous of becoming
practically acquainted with the Edison
Machine Lamp, and wish to know
if I would be admitted to the Machine
Works, New York or to the Laboratory,
Menlo Park. If I would receive any
pay and how much.

I am present employed in the
Edison Electric Light Co. (Ltd), Glasgow

Agency; but I wish to make myself
sufficiently practically acquainted
with the work to enable me to command
a position in this, or any other branch
of the same system above that of a
mere workman. I could undertake
to fit up wires in ships or houses;
but as there are many employed here
who could do the same thing and
who know very little regarding Machine
so, I see the necessity of gaining more
than a mere superficial knowledge of
the system.

My means are so very limited
that it would be impossible for me
to leave Glasgow without the hope

Any advice or suggestions will be
most thankfully received by.

Yours most respectfully
Alexander

I don't see why
England and
just no good a
to be a team
no Alexander
mess around
Alexander
Alexander
Alexander

1883 Employment
of receiving a salary for my work.
One of the chief reasons of my being
so desirous of becoming acquainted
with Dynamos is from the fact that
I am strongly of opinion that
Electricity will become the motive
power of the future.

I have been in the service of the
National Telephone Co. I have also
been engaged in Telegraphy and
have a pretty fair knowledge of
Electricity.

I will consider it a favor if
you would supply me with
the desired information and

D 1883

Employment Address Edward Leonard
JOHN KEBLER,
CHARLES A. KEBLER,
P. G. ROELKER.
KEBLER, KEBLER & ROELKER, Mt. Auburn
ATTORNEYS AND COUNSELLORS AT LAW, Cincinnati
11 AND 13 MASONIC TEMPLE. Ohio.

P. O. Box 540.

Cincinnati, June 18th 1883

Thomas A. Edison Esq,
Dear Sir,

You may remember that I saw you about two weeks ago & showed you letters of introduction & recommendation from Mr Garrison of Boston & from the Professors of the Mass. Institute of Technology.

You offered me a position in the "meter dept" at \$10. per week.

Now, I have made a study of, and am in hopes of following up, Electrical Engineering, but am so situated financially that the salary offered me & the prospect of its being increased will have to determine my future business.

JOHN KEBLER,
CHARLES A. KEBLER,
P. O. ROELKER.

KEBLER, KEBLER & ROELKER,
ATTORNEYS AND COUNSELLORS AT LAW.

11 AND 13 MASONIC TEMPLE.

P. O. Box 540.

Cincinnati, _____ 1888

What I want to know is what I may expect in the way of promotion & raise of salary, in case I make myself useful to the Co. I am offered a very

fine position in mercantile business here & unless I feel sure of an increase of salary, with good faithful work, I am of course, in doubt as to whether I had better go to work for the E.E.L. Co. or not.

I want to work for you & feel confident that I will make myself valuable to you, but shd like to know what I may expect under such circumstances.

Will you please be good enough to let me know my prospects with you as soon as possible.

Yours &c. Edward Leonard

²⁷
June 28 1883
Gergede Lotouri
request position in
lamp factory

28th June 1883
25 Church St.
Covey road
Wilmington
London
J. T. Edison Esq.

Dear Sir;
I wish to take the
liberty of making an
application for a berth
in the lamp factory.
I have recently left
the "Edison Electric Light Co."
of New-York - Paris -
I was engaged to go
there by Mr. Charles D'Almeida
to take charge of the
Exhausting Department
I have been there since
the commencement -

I am very anxious to
go to America to settle
down, & hope as I have
already been in the
service, you may be
able to employ me -
I beg to offer as
references Mr Charles B. B. B.,
& Mr W. J. Hammer, of
the Berlin Branch.
Hoping to receive your
kind attention, I remain

Yours
Obedient servant
E. de J. B. B.

1883-07-02
7/2/83

Mr. Russell

Will you please
see if you can make use
of Mr. Dodge when that dept.
comes under your charge, at
least to the extent of giving
him a trial. You know a
mistake has often been made
in judging of what men
can do before now.

Let me hear from you on
this subject.

Yr. truly,

Chas. L. Clarke

D 1883

W. R. POPE, Employment

ELECTRICAL SUPPLIES,

AGENCY

WESTERN ELECTRIC CO.,

New York and Chicago.

131 W. BALTIMORE STREET.

BALTIMORE

July 13rd 1883

Mr C. E. Chinnock

Dear friend

This will be handed you
by Mr Geo. Muller - the young
man I have written about, as
I am confident he could not
have gotten in better hands,
I recommend him to your care,
and am confident he will
prove worthy of anything you
do for him, thanking you for
the many kindnesses you have
done for me

Yours sincerely

W. R. Pope

J. A. Edson Esq.

Dear Sir

This will be handed
you by Geo. Mullen he
wants to take hold without
pay till he is worth
something to us

If you think well of it
and will send him
a note to me I will
start him on the
to drain ^{the} ~~any~~ work

Where your ^{old} ~~new~~ ^{work} ~~work~~ ^{turn}
July 6th / 13
J. A. E.

The Edison Electric Light System

CANADA LAMP FACTORY,

20 King William Street,

Personal

G. F. STILWELL,
SUPERINTENDENT.

Hamilton, Ont. July 11 1883

Thos A Edison Esq
Dear Sir

as matters here in Canada appear to be very shaky at present - I would like if possible to have another position in sight - I have heard that the Company intended to start two Lamp Factories in the western states if I am correct - would you kindly see that I get a chance - I would prefer the California job but beggars should not be choosers - my factory here will show that I can start and run a Lamp Factory well enough to suit any one - Please consider my case and advise me -

Yours Very Truly

G F Stilwell

P.S. Please consider this confidential so as to save me from the wrath of these leannicks Eds

July 12, 1883
R. W. Swares
requests position

Mr. Thomas J. Edison
Woolworth Bldg.
Dear Sir:

If you have any position
in your establishment for a young man,
I would like to present myself as an
applicant for it. I am nineteen years
of age, and have just completed the
Scientific Course at Richmond College.
I have, for some years, been especially
interested in Electrical Science, and have
some practical, as well as a theoretical
knowledge of the subject, and have
some mechanical skill. The experience
of such a position, I desire more than
the salary. I can refer you to Geo. W.
Hopkins Esq. of the Scientific American
New York, or Mr. Chas. H. Winston of Wash.

will put application in
file - but think could do
it until we are
satisfied with you
writing position
Baltimore July 12th 83

Lab. Prof. of Physics in Richmond College
Va. If you have such a place for
me, or will have in the near future,
please advise, stating salary.

Yours Respectfully
R. W. Graves

W. B. Brown, Grano & Co

Box 668

Baltimore - Md

I enclose stamp for reply.

1883-07-24

~~Will see you about it~~

New York July 24, 83

Dear Sir

The bearer, Mr. Griffith
will report to you for duty tomorrow
morning with as many more good operators
as you require. Please instruct him as
to what is wanted.

With thanks for your kindness
I am

Respy, yours

Minor M. Davis

Chmn. Local Ex. Com.

Thos. A. Edison Esq.

65 Fifth Ave July 24th '83

D 1883

Mr. Thomas A. Edison Employment

Dear Sir

The purpose of this communication I would prefer stating verbally, but considering the numerous interruptions to which a communication would be subjected, therefore submit in writing.

I would state that from its inception, I have taken an uncommon interest in your enterprise. I was with the Company about one year canvassing, and finally performing general clerical labor in Mr. Charles' Office. Owing to my having a family and the small amount received for services, I was necessarily compelled to seek other employment, although in the meantime, I expended every surplus cent I possessed, to keep back from stealing back a step. I now hold a clerical position the P. P. R. Co. — Accounting Department — Philadelphia, but I intend to resign, as I am discontented, and that discontent is owing to the desire of wanting to be with you, your enterprise, and your company. Everything pertaining to the E. E. I. produces a feeling of pleasantness and interest, and it is my desire to get back here — no where else. I am thoroughly posted in general business, and can give general satisfaction as a book-keeper, corresponding clerk, stenographer, compiler and statistician. For the first time, I submit my case to you, and I feel confident that you will act favorably. The position that Mr. Tracy held at Central Station was intended for me, but being away I was overlooked.

I shall see Mr. Ensell this A. M. My work in various books can be seen in Mr. Charles' Office.

Respectfully,
J. H. Brown



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-07-26
Box 331, Boston, Mass.

Wm. Borden, Manager
New England Department.
Herald Building.

Boston, July 26th 1883.

Thos. G. Edison, Esq.
Dear Sir:

Allow me to introduce by the present Mr
S. B. Tokey, son of our good friend Hon. E. S.
Tokey, Postmaster of this City.

Mr Tokey is the gentleman of whom I spoke
to you, as desiring to go to work in the Machine
Works, and wishes to talk with you on that
subject.

Yours very truly
Wm Borden.

D
1883
Employment

Pennsylvania Railroad Co.

Chas. Mc Taylor
Auditor of Freight Receipts
Superintendent
Auditor of Freight Receipts

Accounting Department

Philadelphia July 26th 1883

Mr. Inwall:

Dear Sir:

Effecting daily to leave from your calling me to duty, I am making all arrangements for the event. I would be pleased if you would give me a few days notice. I should like to leave here by the first of coming month or at farthest August 5th or 10th, but I am ready and at your service at any time. I will accept the terms \$15.00 weekly to start with, as my firm intends to assist me, and not spending any money foolishly, I can send home a little out of the amount that will be allotted to me for hotel expense &c. Now Mr. Inwall, please do not let my case lag, but call me as quickly as you can. I would note in connection with the word, that I have had a great deal of experience going into cities and towns, and arranging into districts &c for canvassing purposes.

Inwall

Use your judgment

Respectfully,
J. L. Linn

827 Lane St.

Camden N. Jersey

Private

1883
Employment

Ansonia Conn
July 27th 1883
To T. A. Edison

Dear Sir;

Have you any
situation as an electrician for me?
I would like to get back to
Boston if possible. have been
here 8 years, was with Mr
Moses G. Farmer 7 years.

A reply at your convenience
would greatly oblige

Yours Respt.

Charles Stowell

Box 737

6229
I'll buy ~~in~~
nothing ~~just now~~
away for soon to
with my pen

Ask Campbell
off he knows him

Edison
July 27th, 1883.
Mr. Thomas Edison, Ph. D.

Call
Wray

Although totally unac-
quainted with you personally, I take the liberty to address
you with the hope that you will give my case consid-
eration. I am a boy eighteen years old, having an
understanding of the principles of Chemistry and
Natural Philosophy, and particularly interested in
the division of the latter which concerns Electricity.

At Mr. Campbell, a young man in your employ, told me
that your Testing Station up-town on the East side
was the best school that a person could go to for
the study of Electricity.

Knowing that you started in life as a poor boy too,
although now risen to honor and riches, my earnest
request is that you will give me a situation in some
branch of your extensive and increasing business.
If I am so fortunate as to obtain employment
under you, I expect to find hard labor and small
remuneration. But I'll do my best.

I would very much rather start in your line with disadvantage to contend with at first, than to go in another business with higher wages to begin with.

If you wish testimony in regard to my character, I can refer you to any of the following:-

Mr. E. L. Milhau, of J. Milhau's Son 183 Bway.

(Have been employed by the above named.)

Mr. R. W. Johnson, N. Y. Manager of Travelers Ins. Co.,
173 Bway.

& Dr. Wilson, with Phoenix Mutual Life Ins. Co., 153 Bway.

Hoping that this application will find favor with you,

I remain Yours Respectfully

John R. Stagg

1883-07-27

Your salary will be taken care
of when we boom the big
E Sunbury, Pa.
July 27th 83.

J. A. Edison Esq.
Dear Sir

Your favor of
the 16th is at hand. Your
statement of amt of salary
is I judge the amt on which
I am to begin and that as
I continue in your employ
the amt shall be raised
as my experience increases
I know that I can prove
myself worth much more
money to you as opportunity
offers. Furthermore I more than
value my position as being
directly connected with you.

Yours Very Truly
H. M. Doubleday

1883-08/01

F.A.B. This is regarding Swanson

I do not think I will
to make any change in fireroom
at present. In the near future
we will want a fireman. Can
you put him to work at another
place for a time.

R.E.B.

Aug 1st / 83

D
1883

Employment

POST OFFICE, BOSTON, MASS.
Office of the Postmaster.

Boston Aug. 1st 1883.

Dear Sir,

I am informed by my friend
Spencer Borden Esq that at the
request of my son Sidney B. Babey,
he has asked of you the favor of your
giving my son a position in the
mechanical branch of your business
in New York, in order that he may
become better qualified for some more
desirable and to him valuable relative
position. Mr B. also informs me that
you have very kindly granted the
request & at a compensation sufficient
to pay my son's board in New York.

(24)

He acceded with the arrangement
my son fully intended to be in New York
to-day & present himself before you ready
for work; but he is prevented by sudden
and somewhat serious illness while
residing with and at the seashore.
As soon as he is able he will be in
New York to occupy the position which
he so earnestly desires, Mr Bond
has intimated that if my son's health
will permit him to commence service
in first week of September, that it will
be equally satisfactory to you. Will you
kindly inform me of such in the least?
He rather than lose so desirable an
opportunity of employment, he will go
to New York at as early a day as you
may require. I am very anxious,

13/
POST OFFICE, BOSTON, MASS.
Office of the Postmaster.

as he is, that he shall become fully
qualified for some valuable relation
to the important branch of business
which must continue to be developed
under your invaluable invention &
therefore I trust that his illness &
consequent delay will not forfeit the
opportunity which through the mutual
kindness of yourself & Mr. Bond has
already been granted.

An early reply will
greatly oblige.

Very
Respectfully
Yours
Thomas A. Edison
New York
J. B. Foley

BERGMANN & CO.,
ELECTRICAL WORKS, ^D 1883
employment

SOLE MANUFACTURERS OF

FIXTURES & APPLIANCES FOR THE EDISON ELECTRIC LIGHT.

NOS. 222 TO 228 AVENUE B.

New York, *Aug 7* 1883.

Mr. D. A. Edison.
65 5 Ave. City

I fear for the bearer Mr. T. T.
Petzel is the young man I spoke
to you of in reference to canvassing.
I send him to you in the belief that
he would be a good man for that
work. You of course, can form
your own estimate of him, after
talking over matters with him.

Very truly yours
S. Bergmann
St.

1883-o. 8-03

Tell him to send the
boy to see me
The Herald,

New York Aug 3 1883

Thomas A. Edison Esq

My dear Sir,

A friend of
mine has a son, about 16
years old who has decided
taste for electricity & mechanics
~~through the~~ ~~medium of~~ any
chance for you to put him
to work to find out if he
has any great stuff in him?

If you wish, approach on
this, I will call on you
any afternoon or evening
except tomorrow, & tell
you what I know about
him

Yours very truly
Spencer F. Perkins

D
1883. Employment

August 3rd. 1883.

Mr. Edison.

Since I saw you in regard to Mr. Gromin I have received another very strong letter from a very influential politician in Cooperstown who was formerly a United States Senator. Of course if you cannot make room for this man we shall try and give him a position on Vail's staff as a wireman, but I think that he is really too good a man for that. He had considerable experience in Remington's gun factory, and has been foreman of a large number of men at the Capitol, and aside from this has had considerable experience in various State positions, such as tax assessor etc. and my impression is that you can make a very valuable man of him.

F. S. Hastings.

per D.

Pennsylvania Railroad Co.

To Mr. Taylor

Assistant of Freight Receipts

Jefferson's Building

East Side of Freight Receipts

Accounting Department.

Philadelphia Aug 3rd 1883

Mr. Insub:

Dear Sir:

Compliments. Hoping to
hear from you at an early date I subscribe

Respectfully Yrs

J. J. Lemon

877 Lane St.

Camden

N. Jersey

[Signature]

RECEIVED

SEP 4 1883

ANSWERED

214 1883

FILE NO.

Say. Have still no opening
for him.

31, Boulevard Haussmann.
Paris. Aug 3^d 1883

Major G. B. Eaton
President
D. P. I.

at the request of
Mr. Harpe I beg to introduce
to you Mr. von Siefferts a
young gentleman who was formerly
an officer in the Prussian
Army but has been residing
in America for the past two
years - if either the Edison Company
or Mr. Edison himself could find
a place where he could be utilized
and where if he shows
ability he would have a chance
to work his way up I would
be glad if you would give him
an opportunity - He has an
understanding of commercial
Education but was educated as
an army officer and is ready
willing to accept any position
in any of the partnership with the
Co.

hope that if he shows industry &
ability he may find appreciation
Thanking you in advance &
with kindest regards

Yours faithfully
J. von Siefferts

Anything you could do for Mr.
von Siefferts, I shall much
appreciate and thank you
in advance. - The cause

of W. & S. having the
Prussian Army implied nothing
dishonorable but rather a
sacrifice for the benefit
of others. very truly yours

John A. Swager

371

141 Washington St
Newark N. J.

Mr Edison & saw him

I have ^{explained} ~~explained~~ ^{just} to
Mr Siebert ^{now} that am Co.
has pen employees -

Perhaps you can find
him a place. I
refer him to you -

T. E. S. E.

Jan 4. 83

P

been in the service of Siemens
and is willing to make
himself useful at anything
pertaining to the Electric
Light or Transmission of
Power.

I should feel much obliged
if you could assist him
in any way to accomplish
his object.

Yours very truly
G. G. Ward

P.S. Mr. Williams is a pupil
of Professor Adams & R.S.
of King's College London

1883-08-06
40 Broadway
New York
6th Aug. 83.

Mr. A. Edison Esq.
65. Fifth Avenue.

My dear Sir:

The bearer
Mr. Tho. Williams, an Associate
of the Society of Telegraph
Engineers, who brings me a
letter from its Secretary,
is visiting this Country
in the hope of obtaining
employment as an Electric
Light Engineer -
Mr. Williams has lately

1883-08-06

1883-08-07.

The Herald,

New York Aug 7 1883.

Thos A Edison Esq

Dear Sir,

I beg to thank
you for your note & will
call upon you Thursday
evening, with the young man
& his Father.

Should any thing prevent
my calling on Thursday, I
will so inform you.

Very truly yours
Gardner Howland

The Electric Tube Company.

65 Washington St.

T. A. EDISON, Pres.
JOHN KIRGES, Treas.
SAMUEL INSULL, Secy.

New York. *Aug 27th* 1883.

T. A. Edison Esq
D.P.

I am informed through a friend
in New York, that you are employing men to go in
different cities & towns for the purpose of canvassing
& giving an estimate whether suitable for your light.
I am well posted with your light & how to canvass,
having been employed in your company before in
canvassing & the buying of the Tubes.
I could go up through the State of Pennsylvania or
any other cities that you may name.

Hoping that you will not forget this

Yours Respectfully

H B Parkani

1907 N. 13th St

Philadelphia

no answer

1893-08-09

OK
The Herald,

New York City, 9 Aug. 3

My dear Sir: The gentleman I
wrote you about, is "under
the weather" & we will
therefore postpone our proposed
visit to you this evening.
Thanking you for
your attention to my request
I remain

Very truly yours

Wm. C. C. C.

Has A Edison Co
65-5-11-11

1883-08-14
Can't say what I will do
at Shamokin - it would do
any harm for him to pick up
the biz =

Sunday Aug. 14 /83

Thomas A. Edison Esq
Dear Sir.

Israel Bateman, another
of the numerous brothers of our busy
engineer, wants the meter job at
Shamokin. I told him to write
you a note stating his desires
and presume he has done so. He
seems bright and from the fact
of his having been for some time
with the express Co. ought to be
handy with figures. I will give
him a trial here if you say so.

Yrs R

Thomas P. Lerant.

45

August 14 1893

Wm. P. Grant

Mr. Paritson

Engineer

Shawmut

— 1.3 miles, 10 minutes
— 1.3 miles, 10 minutes

— 1.3 miles, 10 minutes

111

think it is not likely to be
which is quite likely to be
it is not likely to be
to be it is not likely to be
and it is not likely to be
ed it is not likely to be
in it is not likely to be
ob. prob. not likely to be
it is not likely to be
change it is not likely to be

12
D 1883

Edison, T.A. -

Executive Office

Advice

Western Union Telegraph Company

New York Aug 28th 1883

Mr. Edison Esq.,

Dear Sir,

I hope the subject matter of our conversation, at your office two months ago, will not be forgotten by you, and that the first suitable opportunity you have you will utilize me in some suitable capacity.

Very Truly Yours

J. A. Allen
Anal. Chem.
Room 28,
Wm. Building
N.Y.

48

Aug 25 B

J. Tube

requests Position

Encloses -

The Meadowcroft

Ther-

Mystric Bridge Aug 25 1882

Mr. W. H. Meadowcroft

65 fifth Avenue

New York

Dear Sir

I saw Mr. Central when I was
down here and he told me he
thought I could get the Engine
to Run at 104 Gorek Street
as Mr. Edison wanted to let
the job out now I have just
Returned from Seattle and have
out of a job and will you
please use your Influence to
See Mr. Edison and get it for me
I would be very much pleased
with it and I am so sure so

it satisfactory to him I should
wrote and see him when I was
in the city but owing to sickness
I could not now if you please
do see him and ask him to
give it to me I also have got
a friend who is a first class
machinist and have worked on
Electric Machinery would like a
position in the Shop now as
you are my friend I remain
in you to help me to this
position Let me know as soon
as possible With many thanks
I remain Yours Resp

John P. Paul

Mystic Bridge
Conn

1888 (post)

2nd of

and not stamps

Mr. Insull;

This is the
man who used to run
an engine at Quonocontang,
Rhode Island, for the
Ore Milling Co.

W. H. Meadowcroft

Aug. 27/83

THOMAS A. EDISON

1883-08-30

Central Station, Construction Dept.

No. 65 FIFTH AVENUE

New York, Aug. 30, 1883

Mr. Samuel Insull,

Dear Sir:

Not knowing whether I should have an opportunity to speak to you this afternoon I take this as method of resigning my position. I do not take this step without thorough consideration on my part.

I have received an offer of a position as Assistant Division Engineer on the West Shore R.R. I am very sorry to leave my present pleasant position but my own interest requires it.

I am expected in Rochester the first of the week, and as my week and month expires tonight I must ask that this take effect at once.

Yours Respectfully
Louis F. Ruff

SUBJECT: Introducing Mr. W. G. David.

ANNEX STAFFERS:
THOMAS A. EDISON,
JOHN M. CLARK,
Vice Pres't.
F. R. GOSSETT,
TREASURER.
D. H. LUTHERBACH,
Secretary.
Geo. H. BULL,
Supt. Eng'g.
P. D. JOHNSON,
Engineer.

WESTERN EDISON LIGHT COMPANY,

51 & 53 Wabash Avenue.

DIRECTORS:
THOMAS A. EDISON,
ANNEX STAFFERS,
JOHN M. CLARK,
J. W. BAKER,
SAMUEL HARRIS,
JOSUAH WILLIAMS,
EDWARD SMITH,
JOHN M. CLARK,
JOHN CHESBROUGH,
ANTHONY F. BERNARDINI,
Z. G. BRADY.

Referred to Clarke

CHICAGO, Sept 3d, 188

Mr Thomas A. Edison,
65 5th Avenue, N. Y.

Dear Sir:

This will introduce to you Mr W. G. David, of Lyons, N. Y., who has been thoroughly educated for the United States Navy and recently resigned his position in hopes of securing something to do in connection with the Edison Light.

We know him to be a thoroughly competent and reliable man, and if possible shall give him employment with our company when our business will warrant it.

Meanwhile he would like to become thoroughly familiar with the Edison System and desires to have the opportunity to do so in New York.

Can you arrange this for him?

I believe you could utilize his services to good advantage, yourself.

Please give the matter consideration, and oblige.

Sincerely yours,

W. G. David
Gen Supt.

Sept. 3/13

H. W. Faulkner

requests position

D 1883 Employment

RECEIVED

SEP 5 1893

ANSWERED

SEP 5 1893

FILE NO.

If the good draughtsmen
could lay out a little bit
more of a plan but have nothing
to offer just now
Classified Sept 3rd 1893

Mr. Saml. J. ...
Dear Sir, I have no
position open

In your department of
the Electric Light Co in need
of a mechanical engineer?

I am a graduate of the
Sheffield Scientific School of
Yale College, where I have
studied the steam engine, water
wheels, bridge construction, and
have given close attention and
long practice to the designing
of machinery. Electricity I
have studied in text-books and
experimented upon slightly.

Can you offer me any po-
sition in the Edison Company?
Whatever it is, I promise you

that I shall be faithful to my
duties. Hoping to have a fa-
vorable answer from you,
I remain

Yours very truly
H. W. Faulkner.
Stamford
Conn.

all full page
Sept. 15th, 1883

Mr. Insull:-

As the writer of the attached letter seems to be a friend of Mr. Sprague's, I have transgressed my rule and have replied that I have referred his application to your office. Will you kindly reply as may be necessary.

T. S. Hastings.

per D.

a

calculations, or observations, either in handling instruments or mechanical work.

At any rate I should be glad hear from you.

My present address is to the Brooklyn Navy Yard, as indicated in the heading of this letter. In a few days it will be 4th Navy Department, Washington, D. C. - but I cannot get tell with certainty how soon I will be ordered to Washington.

Very respectfully yours,

J. B. Connelley
Ensign, U. S. Navy.

request to Connelley

J. B. Connelley
Sept 12/83
371

U. S. S. "Galena," Navy Yard, Brooklyn, N. Y.
Sept. 12, 1883.

Gentlemen:

I am at present a naval officer, having graduated in 1878 at the United States Naval Academy, Annapolis, Md. One of the employees of the Edison Electric Light Company, Mr. H. P. Sprague, was not only my class-mate but in the same "first," or "electric," section of Applied Mathematics as myself, I should like to ask you if, in the event of my obtaining a long furlough from the Navy Department, you have employment to offer men of course I passed through the Electric and Chemical course which the Naval Academy gives, but it is probable that at first I might be of more use to you in making mathematical

1883-09-16

Boston Sept. 16th 83

Mr. Thomas A. Edison
1st 95 Fifth Ave.
New York

Dear Sir,

When you requested
me to meet you to call upon you at New York
and complete up my work here, my intention
was to act as before ordered, although I was not
in want of a job. And I did not think it would
be necessary to reply to your communication,
except in person. And now as my work here
crowds me so, that I don't feel as though I
shall be enabled to call at New York. I wish
to make excuse for seeming to neglect your
communication to me!

Very Respectfully
J. W. Davis Jr.

OFFICE FIRST DISTRICT.

EDISON ELECTRIC ILLUMINATING CO. OF NEW YORK.

287 PEARL STREET.

27

New York, Sept 19th 1883

FILE NO. 133
My dear Mr. Edison

This will
be handed you by J. Stein
he is a first class lineman
and I can vouch for his
ability. If you could find room
for him in your village
plant business you would
confer a favor on me
I had a vacancy here
would certainly give him a
place.

Yours truly
L. B. Shinnock

90 Green St

48
Sept 19/83

C. C. Chinnoch
request position for a
friend

Robert

I have this name
name put in address
book and state what
he is -



⁴⁸
October 1st 1883

Mrs M. J. Dean

Brooklyn Oct-1st 1883

requests recommendation
for Mr. Dean.

Dear Sir-

Please excuse me for
writing you. I am very needy if you
would be kind enough to assist
me in my trouble I would be
very thankful to you.

Please send me the
recommendation promised
Mr. Dean and oblige.

Yours Respectfully
Mrs. M. J. Dean
76 Rodney St.
Brooklyn, E.D.

448
Oct 9/23

W. M. Davis

request Position

Brooklyn NY Oct 9th '23

Dear Sir -

You perhaps remember that I called upon you yesterday and asked for a situation. Not wishing to consume too much of your time, I made no statement of my qualifications but would like to say that for some time previous to the strike I was a chief operator at 195, and have been employed in that office for five years. I am familiar with the W. U. Quad. and duplex systems and their connecting and with repeaters, switch &S, and thought that you might have a position for an energetic young man who was apt in such matters. I can give

numerous references as to character
etc.

Since the strike I have been em-
ployed by the Singer Sewing Machine
Co, but having devoted considerable time
to the study of electrical matters, and
being fond of such study, I am an-
xious to continue.

I will call at your office, as you
suggested, in about ten days, and hope
you will be able to place me, being
confident that I can prove myself
useful.

Respectfully,

Minor M. Davis

108 Willoughby Street

Brooklyn L. I.

The A. Edison Esq.

Friend Edison, Knoxville Tenn., 10/3/83.

Dear Sir, I sent you a postal about F.F. 213 of '93
 letter. Mr. Duncan, the electrician, of whom I spoke got up the
 telephone exchange here & has been very successful, having the confi-
 dence of all the capitalists of this place. He is willing to begin on a
 salary of \$30 pr. mo. & act in the capacity of a good engineer, &
 thinks he can work out to the th it will cost not to exceed
 \$400 pr. mo. Reed. McK. an excellent meterman, & will look
 after the collecting of bills, etc. H. L. Cornstock lives at Shan-
 tanovga, Tenn., has the endorsement of J. W. Breunman & C. W.
 Gullick, whose testimonials I herewith enclose. Cornstock
 will, like to be one of gr. crew to wire for the Duval Co., or
 to be associated w. gr. construction department. He was
 one of the W. H. T. Co's strikers, & has the endorsement of H. W. Co's
 manager at Chattanooga. Reed. got a drawing of a post-
 et mt., I think ^{superior} to you. and by Bergmann. Simpler
 & will be cheaper in construction. He draws admirably
 & will be an effective ^{man} I think. Thus.

"U. Telephone Co., of Ill., Chicago, Ill., Apr. 23, 1901.
 To whom it may concern: The bearer R. H. C. was in the employ
 of the A. & P. T. Co. some yrs. previous to my acquaintance with him.
 His capacity of operator & line repairs, & so far as I was able to learn
 he always performed the duties of his office in a satisfactory manner,
 & in 1898 had charge of a station in my division for abt. 7 months.
 I was at the time Supt. of repairs for the same Co. My division
 was 700 mi. long, w. 19 stations, & I can say with pleasure that Mr. C.
 was the most thorough man in my division. Mr. C. has every qual-
 ification necessary for a first class foreman of construction & repairs, com-
 petent, conscientious, upright & faithful. I will afford one place at my
 firm to reply to any appltn. in regard to Mr. C. He has my best wishes for his fu-
 ture success.
 J. H. Brennan, Supt. of Construction,
 Over

American U. Telg. Co., 135 4/37 Broadway, N.Y.,
Urbana, O., April 19, 1881.

To whom it may concern:—Ive. Luon. Mr. H. G. C. for past 5.

gov. He was Eng. in my service w. the A. V. P. Co., as operator & repairer. He is strictly sober & reliable & gave entire satisfaction. I cheerfully recommend him & consider any Co. fortunate in securing his services either as operator or repairer.

Respectfully,

E. W. Gulick, Supt.
Am. Mus. Nat. History.

Mr. C. is a married man but has no children. He impressed me in several interviews as a sober man, & one w. more than ordinary ability & vigour.

Phil. Success — *Success, Ed. like who*
man associates

W.P. Nashburn, attorney, of this city, is interested
in our light & bell. influence other capitalists. He is as-
sociated w. the Horace Maynard family. He & I hoped
to be able next week to organize F. Edison Wmng. Co. for
this place. But his legal bus. will call him away till
middle of next wk. So matters are delayed agn. But
Ill. call a meeting of men interested Monday or Tuesday
& will do. them subscribers & then start F. Co. I have in
a long pull here, but was bound to leave. I have
Im. expecty. a let. or telegram, as the citizens we
had an infestation put on F. Bush Co. there, were successful
in an election. last Wednesday, & that puts us on the top.
You, too, I told you, that I was sometimes easily discouraged.
Be assured I've become somewhat of a philosopher, as you call
it, for F. opposition here has m.d. me plenty.
Keep the gr. construction dept. as dog, well & the C. & O.
will spring up all over F. land, I mean, yes, truly,
H. E. Kinsell, Jr.

⁴⁸
Oct 15/83

M. S. Eldon
request Position

D 1883
Employment

RECEIVED
OCT 16 1883
ANSWERED

FILE No. 1883

for Thos A. Edison
65 5th Ave

H. G.

Sir:-
I hereby make application
for a position here. To put
wires, fixturs etc in houses.
Mr P. B. Shaw requested me
to apply to you for this
position, and further said
I should so state to you.
I have been both operator
and lineman in the telegraph
and telephone business for the
past four years. I also
refer you to Mr H. R. Rhoads of
this city for any information
you may wish to know

in reference to me - I
trust you will give this
your favorable consideration

Very truly yours

W. S. Elgony

124 N. 4th St

Williamsport
Pa.

Oct-15th 1883

THE EDISON ELECTRIC LIGHT CO.,
35 FIFTH AVENUE.

New York, Oct 15th 1893

Dear Sir,

Some days ago Mr. Hastings notified me that, owing to the urgency of further re-employment in the expenditures of the Company, my services would have to be dispensed with at the end of this month.

The approach of winter and the poor health of my wife render this utterly unexpected announcement particularly painful to me.

A spotless record, 3 years conscientious service to the Edison Electric Light Co., as attested by its officers, flattering testimonials from former employers and a natural anxiety for the welfare of my invalid wife encourage me to apply to you, the manager of the Edison Central Station Construction Department for employment of any kind, even if only temporary.

I might prove useful as bookkeeper, correspondent, translator, calculator, compiler of statistics, librarians, free-hand or geometrical draughtsman, or in any other capacity you might elect; when honest work, accuracy and thoroughness are essential requirements.

This being the season of increased activity in the business of Electric Lighting, I entertain the hope that you will be able to employ me in some way.

Sincerely grateful for past favors, I am, Sir,

Yours very respectfully

H. Fisher

G. Insull, Esq.

President.

ALL COMMUNICATIONS
TO BE ADDRESSED TO
THE OFFICE.

EDISON MACHINE WORKS.
OFFICE, 65 FIFTH AVENUE.

WORKS,
104 GREENICH ST.

New York, _____ 188,

Hastings

What do you
think of hooking
what is he getting
now

Is this

over

Oct 13/83

A. Coker

regimental postman

regimental postman

Oct 13/83

Oct 13/83

188

Mr. I need

Mr. Locher's good points are very strong; he is very obliging, conscientious, & steady, & above all has been very accurate. — I think accuracy is his strongest point, & "speed" his weakest. — He has sometimes seemed a little slow, but perhaps not more so than has been consistent with the necessities of his work. — If you can make any place for him where you want work done with great neatness & accuracy, I can strongly recommend him. — We pay him \$20. — per week. — I think him worth at least \$100. — per month. — Hastings

Message No. _____

AMERICAN RAPID TELEGRAPH COMPANY.

Letter _____

From New York Oct 18, 1883. Dear Sir _____

Sheet _____

This company having given me employment for a few days, I am prevented from calling upon you in reference to the application sent you on the eighth. I earnestly hope that you will find a use for me, and can be promptly reached at the address below. I will probably be through here in a few days, and will then see you if you can spare the time.

Respy

Minor M. Davis
108 Willoughby St
Brooklyn N.Y.

Thos. A. Edison Esq



Pittsburg, Pa
Oct 19/89

Mr Thomas A Edison
New York City

Dear Sir

All well at present
I have severed my connection with the
Brotherhood of Telegraphers and am now out of employment.
I desire if possible to quit telegraphy, and thought
that perhaps you might secure a position for me
with the Edison Electric Light Co. I can furnish
the best of references and give ample security for
the proper performance of duties.

If the Edison Electric Light Co. do
not furnish a place for me, and you would
use your influence with Mr Garretts to get me
a position in the service of the Baltimore & Ohio
Tel. Co. I would return it as a great favor.

I have not applied to Mr Garretts subordinates
for a place, believing that they would hesitate to
employ one who was so prominent during the
late unpleasantness without first securing Mr G's
consent. Hoping to receive a reply at your
Early convenience.

Very truly & respectfully
Geo Campbell

Box 839

THE EDISON COMPANY
FOR ISOLATED LIGHTING.

GENERAL MANAGER'S OFFICE,
65 FIFTH AVENUE.

Please address reply to the undersigned.

New York

1888

Mr. Leckie

I have given you a letter
who has had charge of the
meter is at present not in the
quit on 1st Nov. This has been
done to reduce expense. This
is a man well up in the matter &
it seems too bad after spending
the time to educate him to have
him adrift when he might be
useful to the company at some
other place. If you can find
him anything to do you will find
him a competent man who will
work for about 60 cents

tell him will you
try & get him a
situation

Edison
didn't know man
ask for meter man
cant go to Bay
+ Gordon & learn
all about
meter place

48

Oct 19/13

M. J. Moore

request position for a
friend



JAMES H. HOFFMAN, President.

HENRY J. WHITE, Treasurer.

C. H. MONTAGUE, Secretary.



New York Oct 27 1883

Major Eaton
Post Office E. L. Co.

My dear Sir,

Trusting to the kind introduction
my friend Mr. Spencer Baldwin once gave me to you
I take the liberty to ask you to kindly interest
yourself on the behalf of my Michael Michelschowitz
a Russian - who has had experience as an electrician
in London - Paris - & Liege (Belgium) and who is
in search of employment having but recently arrived
in this country & is favorably recommended to me by
a countryman of his - Trusting you will acquiesce in my
favorable recommendation Very respectfully Yours

Chas. M. Hoffman

Please call on Mr. Edison
& see if he can give you
a place -
Oct 29th S.H.P.

GRAND UNION HOTEL,

OPPOSITE
GRAND CENTRAL
DEPOT.

FOURTH AVENUE,
41ST AND 42D
STREETS.



EUROPEAN PLAN.

FIRST-CLASS
IN ALL
APPOINTMENTS.

W. D. GARRISON,
Manager.

New York, Oct. 29 1883

Mr. Edson

Dear Sir

I have known Mr. McComb from
his birth and know his family well. I write you
to ask you to give him a letter so he can get
Employment or that you will be kind enough to
place him in steady Employment yourself as he
has to aid his Mother who is a very worthy
woman. If you possible can place him in
any of your shops or office so he will have
steady Employment I shall consider it
a kindness done to yours.

Very truly

W. D. Garrison

I would Employ him in the Hotel only he wants to learn
in other trades.

TOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

1883 Employment
New York, *Nov 1* 1883

Mr Thomas A. Edison

Dear Sir

Having called here to see
you personally several times
and failing to meet you
concluded to leave a few lines
as regards and application
for a position as construction
of lines city or country having
thirteen years experience as
foreman of gangs. Have in
my possession recommendations
from D. H. Bates, D. Doran
Genl Supt construction N.W. Tel. co
also can come highly recommended
by other parties as being competent
reliable trust worthy and sober
man

Respectfully yours

J. Heblin

157. Sherman Avenue Newark, N. J.

1883-11-03

Form L.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

New York, November 3rd. 1883

D. H. Bates, Esq.

Western Union Telegraph Co.

195 Broadway, City.

Dear Sir:-

Mr. J. Hibler, of 187 Sherman Avenue, Newark, N. J.,
has applied to me for a position in connection with the erection
of electric light lines, and states that he has had thirteen years
experience as foreman of gangs, and refers me to you for informa-
tion as to his capabilities. Can you so far oblige me by giving
me this information?

Very truly yours,

Thos. A. Edison

*Reply returned to Thomas A. Edison Esq
I have known Irving Hibler for
seven or eight years and believe him to be a
thorough good telegraph foreman and a
reliable man.*

D. H. Bates

Nov 6.

Best regards

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

1883-11-03
Form L.

New York, November 3rd., 1883

D. Doran, Esq.

General Supt. of Construction,
Western Union Telegraph Co.
195 Broadway, City.

Dear Sir:-

Mr. J. Hibler, of 157 Sherman Avenue, Newark, N. J.,
has applied to me for a position in connection with the erection
of electric light lines, and states that he has had thirteen years
experience as foreman of gangs, and refers me to you for infor-
mation as to his capabilities. Can you so far oblige me by giving
me this information?

Very truly yours,

Thos. A. Edison

*Reply returned to Thomas A. Edison
I have known Mr Hibler for
several years and look upon him as a
good builder and thoroughly reliable and
trustworthy.*

Nov. 5.

*D. Doran
Genl Supt. Constr.*

Nov. 13th 1883.
363 Bergen St.,
Brooklyn.

Mr. Thomas A. Edison:-

Sir:-

Enclosed find
letter of introduction from
Mr. Coates of mail & Express.

I apply to you for a position
in the Machine Works on Conck St.
I am eighteen and have some
knowledge of Physical science.

If there is no vacancy at present,
I hope you will put my name on the
list of those who will be called upon
in case of need.

If you have no work for me now,
I will be very thankful to you if you
will refer me to someone in the same
line where I can probably get employment.
[Please answer.] I am yours respectfully
John B. Stagg

THE MAIL AND EXPRESS,

No. 23 PARK ROW,

THE EVENING MAIL,
THE N. Y. EVENING EXPRESS.

New York.

We are full now for Sept 3
let him call around in
Thomas A. Edison, N.Y.,
Coplewick.

Dear Sir:

Will you pardon this
intrusion upon your time.

The Beaver, John R. Stage,
desires to enter your service. He
has paid considerable attention to
the study of electricity, and he is
really a bright young man
who I think would serve you
creditably.

Hoping this cover will
be able to give him a trial at
least. I am

Yours to command
Jas F Coates
Managing Editor

T. A. EDISON;
65 Fifth Avenue.

New York, November 14th, 1883

John R. Stagg, Esq.

303 Bergen Street,

Brooklyn, N. Y.

Dear Sir:-

Referring to your favor of the 13th. inst., with letter of introduction from Mr. Coates, I regret to say that at this moment there are no vacancies on my staff. I would suggest that you write me inquiring again in say a month, so as to prevent your application escaping my notice.

Very truly yours,

Thos. A. Edison

According to your instructions I would inquire again if you have a position for me.

Very Respectfully

Your obedient servant

John R. Stagg

Dec 12 1883



CUTTING-OFF TOOL.

OFFICE OF
STERLING ELLIOTT,

DESIGNER AND BUILDER OF SPECIAL MACHINERY.

PATENTEE OF THE ELLIOTT MACHINERY SYSTEM.
BY THE ELLIOTT MACHINERY CO. NEWTON, MASS.
NEW YORK OFFICE: 100 NASSAU ST. N.Y.

1883-11-17.



DRILL PRESS.

Wm A. Edison

Dear Sir: *Frank Park Mfg* NEWTON, MASS. *Nov 17th* 1883.

A. Mechanic in N.Y. Mr. Jackson refers me to you. Will you kindly answer the following. What is his mechanical ability?

Is he admissible on experimental work?

Has he an agreeable disposition?

Is he steady & reliable?

An early reply would greatly oblige

Yours

S. Elliott

Jackson worked for me
a year or so he is
first class mechanic
very good on experimental
work. He is rather proud
of his ability perhaps too
much but we may easily
get along with him
he is sober & reliable

W. E. Jackson
Mechanical
Superintendent

W. E. Jackson

Nov 17/22

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Nov 21/12

C. Rand.

requests a

Position in the
Edison's Laboratory

write & say that we are full here but that
we are going to put up some stations west &
will then try to work him in where he can
do some work in Chicago. Illinois

Nov 21st/12

Thomas A. Edison ^{Rd. house of}
New York City
Dear Sir,

During your
visit to this city last
Spring my father - Mr.
Geo. H. Rand - had some
conversations with you con-
cerning my becoming a
pupil at your laboratory.
I have always felt an
interest in the progress and
development of Electrical
Science, though having
as yet but little knowledge
in that direction beyond
some idea of what has been
done, and some notion of its
possibilities in the future.
I have a good general

education, though not a graduate of any university. Studies were chiefly classical, but I was accounted quick at mathematics, have a good memory and learn quickly.

I am thoroughly at home in French, having acquired the tongue during a residence of some years in Switzerland and France. Am not as well up in German, though I have ground enough to learn it by reading. I wish particularly to enquire -

1st Are the prospects of advancement, financially and otherwise, good for a fellow of some intelligence and activity?

2^d Should my present command of French be of any immediate use in

your business and, consequently to me?

I owe you an apology for addressing you on business of my own. But I have given the matter some serious thought, and should you be able to give the time would think it a great favor to hear from you, a line or so.

While I am the son of a well-to-do man, I desire to be independent, and am doing fairly well now in a business not entirely in accordance with my tastes.

I think Mr. Rand showed you my photograph, taken ten years since in Europe. Am twenty four years of age, strong and healthy physically, am 5' 10" tall and weigh about 160 lbs.

Yours very respectfully,
Charles Edwin Rand

Form 65--1072

1883-12-01

THE AMERICAN UNION TELEGRAPH CO.

THOMAS T. ECKERT,
D. H. BATES, President.
1st Vice-President.

135 & 137 BROADWAY,

GENERAL OFFICES,

THOS. F. CLARK, Secretary.
C. S. SHAWLER,
Gen. Metropolitan District.

New York, N. Y. 1883.

Dear Sir,
I am sorry to say since I saw you
I have not been able to find one that
I could recommend as a good foreman.
They have all got restrictions I have
pleased to find whom I could recommend.
They are both now receiving good pay
75.00 per month & they are of hard work
kind. If I can find a good one I will
send him to you.
Yours D.C.
Geo Cook.

I have seen the time I would
recommend myself.

Form No. 1.

1883-12-03

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of loss paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

MORRIS GREEN, President.

NUMBER	SENT AT	RECD BY	CHECK
My	Edison	road	

Received at **852 BROADWAY**

Dec 3 1883.

Dated Rahway NJ
 To Sam'l Inzelee
 Edison El Co
 Es - 5.ane
 Am at home sick will
 report when I am better
 Rob. Oatley

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

1883-12-06

Form L

THOMAS A. EDISON,

Central Station, Construction Dep't,

No. 65 FIFTH AVENUE,

New York,

1883

Saml. Beaulieu Esq
Dear Sir:

I have fully recovered my health
and feel able to resume my duties.
Being compelled to work in a room at
Leominster for 10 days without heat
laid me up with neuralgia and all
symptoms of pneumonia, and I re-
covered rapidly.

If you need my services or not, please
advise by mail, so I can act ac-
cordingly. Address

Yours Respectfully
T. A. Edison
Rahway
N.J.

208
I would tell ^{Andrew H. Allen} ~~Mr. Allen~~
to start this Fall River Mass
to man up 10, Dec. 8th 1883.
Mr. Edison: work {

Dear Sir,
From what I hear you
have some four or five
new stations in the house
and quite a number
shortly to come. You will
therefore want more men
who understand wiring and
starting stations, knowing
this, I thought I would
make an application for
such a position at an
early hour. As far as my
experience is concerned, I
will say that following your
advice I went to Brooklyn
with Mr. Sprague and
assisted him in wiring

100
P. O.
M.
208

that station, and spent over
two months there studying
the system, after that I
went to London, and
spent a week and a half
there, I am now here in
Fall River, so far as reference
concerned, I have no
hesitation to refer you to
Mr. Spear or Mr. Andrews
or any of the gentlemen who
I have met.

Yours Respectfully

Thomas Spencer
Fall River Mass.

% Lewis Hotel,

Am sorry to say that at present
moment Laboratory is full
but by March ^{1st} ~~1st~~ ^{1st} 1883
will be an opening Dec 12th 1883.
D
1883

Mr. Thomas Edison:-

Employment

Dear Sir -

Enclosed please
find a card from Mr. Adolph
Duto which explains itself.

Mr. Duto desires me to ask
if there would be any opportu-
nity for his son (age about
14 for whom I am acting
as guardian) to enter your
electrical establishment for the

Mr. Adolph Duto
Litchfield
Mass.

purpose of acquiring a
practical knowledge of the
applications of electricity.
The young man ~~has~~ is and
has been for nearly six months
in the manufacturing shops
of the Bell Telephone Co. in
this city and his employer
says has developed considerable
mechanical skill. The
desire is that he should study
practical electricity in all its
branches and applications.

I should be greatly obliged
therefore if you would mind

kindly inform ^{me} whether such
an opportunity could be obtained
in your works that I may
in turn inform his father.

Cordially
A. V. E. Young.

39 Hancock St.
Boston.

Mr. Edison will greatly
oblige Mr. Lyster if he
will give to his son Edgar
a position in his
chemical department.
Carleton Sept. 14. 1885.

Write him & say, he can have ^D 1883
an introduction but must take
on what comes, & employment

London Dec 13 1883

Mr. T. A. Edison

65 Fifth Ave. N.Y.

Dear Sir

I am out of employment
at present, and would like, if
it is possible, to enter into your
services in America.

I have been offered an eng-
agement here in London, to re-
organize a factory for incan-
descent lamps.

I do not like
to do that, as it would require
me to make use of the informa-
tion I received while in your
services. I am nevertheless com-
pelled to do something, and hasten
to write you before I commit
myself.

The experiments
I was following out, have proved
unsuccessful, and I have

quit them, a miser and
poor man.

Will you please answer
at your earliest convenience.

Yours very respectfully
E. G. Ackerson

13 East St

Red Lion Sq.

W. C.

Esser House
Tell him when he gets here
that if there is any chance
of his getting a job
W. W. Davis, Proprietor

Salem, Mass., Dec 26th 1883

Mr J. A. Edison

New York

Dear Sir

Mr Andrews

advised me to write you with regard
to the wiring to be done in Boston
The Town of Hazelton, Belknap
and others. I am at present
working the Haverhill Cotton Mill
at this place. Putting in about
five hundred lights will finish
in about two weeks. I came out
here at the request of Mr Andrews
and since I have been in this
state have done considerable
work among other buildings.
I used a Woolen Mill at South
Andover and all of my work
has proved satisfactory. Since I

Esser House

First Class

W. W. Davis, Proprietor

Salem, Mass., 1888

Came out here. Mr Insoll
wrote to Mr Andrews inquiring
for Mr. saying he wanted me to
go to "not learned for five or six
weeks and he referred the matter
to Mr Lord Manager for the
Lawrence Company and told Mr
Insoll to communicate with Mr
Lord with regard to the leaving.
But I believe Mr Insoll had sailed
for Europe and the matter ended
there. However Mr Lord did not
want me to leave until I had
finished the mill I am now
working on. Mr Andrews said he
did not know whether the Coma-
tion Dept. hired Workmen direct
or not, but for me to write to
you and you would give me all
information concerning the Town

Essex House.

First Class

W. W. Davis, Proprietor

Salem, Mass., _____ 1888

Kindly also to refer you to him
with regard to the work I have
done. My ability, character &c.
as has also Mr. Conant said for
me to use his name as reference.
I would like very much to be
in the employ of the Boston Co.,
and should my application for
employment meet with your
approval, I shall endeavor to
give satisfaction.

Keeping for a favorable

Reply.

I am Respectfully

J. F. Kirby.

My Address for the next two weeks
will be Salem Mass.
Care Carey House.

Western Union Telegraph Company,

Chicago Dec 26th 1883 All the
 day we have tried to fill the
 Smith who will be
 left for the present

Mr. T. A. Edison

My dear Sir

My supervision over cables, undergrounds, and air line
 repairs for the four years past, leads me to believe
 that I could fill a position in your Construction
 Department similar to that just offered to Mr. Johnson.
 If you think well of this proposition please appoint an
 hour and I will call. I have not determined
 any, but accumulated much experience & assisted with
 experiments on the ground.

Respy
 J. S. Bogart

1883-12-31

R. F. GOODMAN,
S. Gen'l Super.

COR. MAIN AND SENECA STREETS; 1

Buffalo, N. Y.

188

T. A. Cowson, Esq. Write him & say
 New York Better Case in the
 Newark Man to get him up
 Being an attorney at a variance
 with some of the telegraph
 laws, he is in a position
 for me to follow in the city and though
 I am meeting with some success as a
 stenographer, it is wished to know if you might
 be kind enough to recommend me to introduce
 myself in the promotion of a company
 for furnishing gas lights in some
 of the County towns or cities Buffalo for
 instance? I think I have enterprise and
 have bidding enough to be successful & have
 also a money friend who would associate
 himself with me & help me to some extent
 financially. If you can give me any
 encouragement in any way the favor would be

Very greatly appreciated. I assure you
I am a victim to ^{the local} W.K. managers' manness,
who sacrificed me without cause, although
I had never previously been discharged from
the service during 72 years of service
as a first class operator & including service
as a volunteer during the yellow fever
epidemic of '91. I am very desirous of
getting a little higher up this time but before
lack of encouragement for a start, which
it may be possible your kindness may
give, though it will be of an ~~advantage~~
mutually advantageous nature.
I have invented what I hope may prove
a good & lucrative improvement in the
existing typewriters but have until the
present been unable to meet expense of
patenting. It may now ^{however} mature into
something as you have probably known
what it is to want a little assistance
during your ~~best~~ ^{best} telegraphing days
you will understand what I mean. I to
hard to be handicapped ^{as I have been}
I hope you will excuse the draft on your
paternal. My only excuse in approaching

1883-12-31

BUFFALO CREEK RAILROAD CO.

OFFICE OF THE GENERAL SUPERINTENDENT,

COR. MAIN AND SENECA STREETS.

3

R. F. GODMAN,
Gen'l Superintendent.

Short Hand Dictation

Buffalo, N. Y. December 14, 1883.

you in such an informal communication
is that I ^{am} ~~am~~ a telegrapher, one of the class
to which you seem to all a personal
friend. ~~Dear~~

Yours very truly,
J. L. Wellner

(1883)

Dear Ansell w/ Mr. Parsons
who buys the 110 Liberty
man who may get in well
in some place where Edison
needs man.

Please get him an offer =
him to talk with Edison when
it will not bother him
to mind - atty

Yours
B. P. Harvey

1883. Edison, T.A. - Family (D-83-014)

This folder contains correspondence and other documents by and about Edison's family.

All the documents have been filmed.

T. A. EDISON.

26

From Gratia ^{to} Menlo Park, N. J., Jan. 11 1853

L. Edison

My Dear Boy

I thought I would drop you a
few lines as I never hear from you
only through the papers I am hard
at work and have just completed
a Stone 45 feet long 16 ft in width full
2 stories high. I have rented the front
half of the Stone for \$10.00 per month and
the front Room even had for \$5.00 per month
and occupy the back rooms my self for
cutting and curing Soap I have just commenced
making Soap and starch Dyeing & Bleaching
and expect to add Baking Powder

I have got every thing in working order
and you a bout one hundred \$75 Dollars
I still lack cash for the purchase of
material to make a good clean start
Now if you could spare me a small
sum that that word looks small to you would
look large to me my Sakes this year is \$7400
I paid \$1000 for my Sakes this year

T. A. EDISON.

Mt. Park, N. J., Jan 14 1883

Now T. A. - E. if you can let
me have some money to start in with
it will be a great favor to me
but if not let me know just as
soon as you get this but don't
cramp yourself for me. I can
raise what money that I can do with
by putting a mortgage on my property
which I do not like to do

Every thing looks favorable for
business here this Spring the G. T. R.
is a going to build large shops here
and commence early this Spring

Ever yours

P. Edison

I have a man with full knowledge of
making all kinds of Soap he is from
Philadelphia is about 40 years old and
a splendid chemist has a wife & 3 children
and good workmen. I gave him a house & over

if there is nothing made here is
nothing lost
I shall get in there the time
it is. I am that has kept me
S - E

if nothing happens me I shall be
in New York this Spring

Welling Port Collier

W. E.
Annapolis
Inland

Portsmouth Jan 16th 1883

In your last
letter you said you would
see Bogart about his Mortgage
would like to know if you met
him and if so did he show any
disposition to crowd the matter
I am in hopes of selling something
in a few days so I can pay him
his interest & taxes I wish you would
see him for me and let me know
what he says about it please tell
him I will pay him as soon
as possible if you will do this
for me I will do as much for
you should it ever come in my way

Yours

W. E. Edison

Barle's Hotel,

1883-01-22

ONE OF THE BEST HOTELS IN NEW YORK FOR THE TRAVELING PUBLIC.

ELEGANT IN APPOINTMENTS.

Centrally Located and most Economical in prices.

CORNER CANAL AND CENTRE STREETS, NEAR BROADWAY.

New York, Jan'y 22 1883

Saml. Insull

*Soon as I receive
the note and Tax Receipt
of W. P. Edison from Post House
will notify you where the
same can be paid*

*Truly yours
A. M. Fogart*

34 1883-01-29

+W. + T. + WATTS+

ART + WOOD + WORK

++ DESIGNS ++

++ JOBBING ++

++ ESTIMATES ++

CARPENTER + AND + BUILDER

20 EAST + TWENTY + SECOND + ST.

New York, Jan 29 1883

Mr. J. D. Edwards

Dear Madame

The materials, Montebello,
 etc. for your book cases, are all
 gotten out, and we are now
 ready to fit them together.

Within that which the very
 large Case is fitted. (which will
 be Thursday morning at 9 o'clock
 I will send it over and set it in
 place, so that it may fitted
 with books at once.

I would return it a great
 favor if you would be kind
 enough to give me a note to
 Mr. Edwards, Secretary, asking
 him to give me \$100. on ac...

of Contract #221.⁰²

I will give you a receipt
setting forth the nature of
the payment.

I had a note to pay on
Saturday last, which exhausted
my funds, and as this is pay
day I am very short.

Your two Cases will be all
finished by next Monday.

Hoping for a favorable
outcome, I am

Yours Respectfully,
Stanley Kahn

213 E 26th

N.Y.

Check \$100

1883-02-14

GLOBE HOTEL,
SPRING ST., N. Y.,
DICKINSON, AUSTIN & BACON, Prop's.

Cats. Cayuga. to Mr York. Feb 14. 1883

Samuel Insell Esq

You will find
Ellen J. Edison's Coupon Interest Note
and Tax Receipt at L. S. Lawrence the
Banking House. Box Nassau & Fulton
Sts Mr York

A. M. Bogart

Excuse delay. have been out of
the city

Feb. 28, 1853

Mr. E. Edison

Answered

Cedar Springs Mich
 Dear cousin M. I have always been free to be
 as I please the liberty to do as you often
 loved and unfold my torchel to you often you
 will be well provided at such times as this
 but necessity compels me to do this and may
 you think you never saw me but you have
 your mother can tell me about when we
 were here I remember and had you with her
 you was about three years old I keep us both
 busy to people looking upon us as if I speak
 of it have appeared of the old times as
 the old not keep up under it some times
 I had got used from death that my son
 was dead I was at the school house but
 we must all go down to the school house
 I have my husband was across of you, son of Henry
 Edison who lived to get his and owned
 quite a large family but he never

free hopes you have here I am
 Mr. E. Edison I am hopeless
 let me know for he is the poorest
 man I believe that walks in earth he has
 been a dead man ever since I was with
 him and you see there is not much comfort
 when men follow that disease and
 down
 may you will have a report by from me
 I hope you will be well and I will not
 I tell you I am not well I have to ask
 for his p. have had things and

way from the well & across the road
I wanted to come for him but never dared
to start them in any kind of place they did
not get along very well and kept getting
more and more nervous and I told of his past
then long ago they had some trouble
and the house and down and every thing else
had was burnt and I separated him and me
was all night and he got his in the house
and sent me to Canada and I passed he was
coming and I have never heard of him since
and then he took forty to the other side
with him and left me destitute I am not
able to work my health is very poor my age
is sixty now I would like to see you
every liberal man and you was so rich
I should not ask you for a little help I have
now too in Canada and since I have heard
of this boys I have wanted to go and see him
I and would like to have a little more
money for my son if you will be so kind
and send me a little money I would be
glad to be more grateful to all

Yours truly
Wm. J. Smith

261853-03-29

Mar 29.83

Elizabeth Corwin

March the 2nd 1888

[illegible]

And I do hope you will have good luck
and prosperity by these all your ^{own} ~~own~~ ^{own} ~~own~~
takings have well in that respect
for all your and yours respects to your
family

Yours respect fully

Elizabeth C. C. C.

William Pitt Edison
JOHN R. LINEN, President.
L. CHESNUTWOOD, Treas.

26 1893-06-24
A.A. HOUGHTON, Secy
J.H. BAKER, Mch. Supt



*I sometimes
have to
get
plain* *right* Buffalo, N.Y. Apr 24 1883
Thomas A. Edison, Esq.
65 Fifth Avenue New York

Dear Sir

We are referred
to you in regard to the responsibility
of your brother Wm P. Edison of Port
Harm Wick — His name is af-
fered us as security on a bond
of \$1000.⁰⁰, and we are advised that
you back him on all matters —

Is this so? — Please reply
and your answer will be considered
as strictly confidential Truly Yours
J.H. Keegan
Per

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be corrected, prima facie by depositing a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of telegraphic messages, beyond the amount of toll paid thereon, nor in any case where delay exists is not provided in writing within sixty days after the date of transmission. This is an UNRELIABLE message, and is delivered by request of the sender, under the conditions stated above.

THOS. T. KICKERT, General Manager.

NORTH GREEN, P. M.

NUMBER	SENT BY	RECEIVED BY	CHARGE
151	W	W	Grand

Received at 852 BROADWAY.

Dated Monk Can A 276 June 6 1883.

Ed Insull

65 Fifth Ave

Please send money today without fail

Mrs Edison

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

29.

June 11 1883

J. B. Edison
to
J. D. Insull
re papers men-
tioned in my
weekly letter

Post Huron June 11 1883

Friend Insull

Yours received
will try and find the
papers if possible but it
has been so long ago I may
not succeed but will do
the best I can. I have sent
a letter to W. R. R. he now
lives in Denver Colorado
and will probably hear from
him in a few days
Stimms is here and and
says every thing is lovely down
there we are all well
Yours
W. R. Edison

1883-06-15
Friday June
15/83

Dear Mr. Russell

This morning
I paid a C. O. D.
of 6.25 dollars for a
Battery from Germany
and I also want
twenty three dollars
to pay men for
working on the

1883-06-15

Shenfield

Since please send
it and I will
send the Receipt
for all on Monday
by mail.

Yours Sincerely

W. Edison

P.S. don't forget
the board money.

12

Form No. 1.

1883-06-18

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
F7	Co	7 Collect	9x
Received at 791 BROADWAY.			
Dated Port Huron Mich 18			
To Thos A Edison			
65-58 1/2			
Steamer starts for New York this			
Morning			
W P. Edison			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 1.

1883-06-25

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

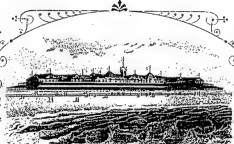
NUMBER	SENT BY	RECD BY	CHECK
149	Co	14 P.D	11 30
Received at 852 BROADWAY.			
Dated, Menlo Park N.J. 25 June 25 1882			
To S. Duane			
Ms 65 fifth ark			
Mrs A Clarke sails for			
Europe on Wednesday June 26th			
her Bill at once			
M. Edison			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

1883-67-20



THOUSAND ISLAND HOUSE,
ALEXANDRIA, VA.
A. L. ELLEN, Manager.



LONG BEACH HOTEL,
LONG BEACH, CALIF.



POINT LOOKOUT HOTEL,
LONG BEACH, CALIF.
F. D. WHEELER, J. Manager.

R. H. SOUTHGATE,
PROPRIETOR. LONG BEACH HOTEL.

Long Beach, Cal. July 20th 1883.

Thas A Edison Esq.

Sir,

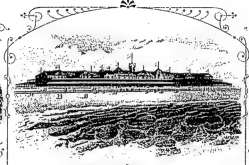
We can reserve
a suite of three rooms
fronting over the sea for the
first Sat in August, and
accordingly book you for
the rooms for Aug 6th.

Respectfully
R. H. Southgate
Per Gladson

1223-07-27



THOUSAND ISLAND HOUSE.
AUTOMATIC ELEVATOR.
A. L. HIGGINS, Manager.



LONG BEACH HOTEL.



POINT LOOKOUT HOTEL.
LONG BEACH & T.
F. B. HIGGINS, J. Manager.

R. H. SOUTHGATE.
PROPRIETOR, LONG BEACH HOTEL.

Long Beach, Cal. July 27th 1913

D. A. Edison Esq.

Dear Sir.

Your favor of the 26th at hand. In referring to your letter of 19th July, you stated you wanted 3 rooms for the 1st Saturday in August, which will be Aug 4th. On what date do you want the rooms, the 4th or 6th.

Very truly yours
R. H. Southgate
Perlepladium

Form No. 1.

1883-08-04

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed by the sender of the message. Errors can be avoided by providing a message with full meaning and by providing a message with full meaning and by providing a message with full meaning. The sender, USER, is responsible for the correctness of the message, under the conditions stated above.

THOS. A. WALKER, General Manager.

MORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
13	Wm C	23 PR	
652 BROADWAY.			

Received at 791 BROADWAY. 1883

Memo Park NG
To Aunt Insull 65-5 Ave

Please send Carriage and
express wagon to Courtland St
to meet train that leaves
here at three twenty, also bring
dollars to Mr. and Mrs. Edison

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883-0810

AUG 14 1883

ANSWERED BORDENTOWN FEMALE COLLEGE,

REV. WM. C. BOWEN, R. M.,

FILE NO.

BORDENTOWN, N. J. Aug 10 1883

C. N. Edison

Dear Sir

I mail catalogue of the
Bordentown Female College to your
address at Memo Park, as I do not
know your City address.

I remember your letter from last
year when I said I will correspond
with you for next year. That was
when you decided to make your residence
in the City and desired to have your
daughter with you then.

I shall be pleased with your
patronage this year. Be assured
your daughter & wife's sister will find an
excellent home with us and receive careful
training. We have a reputation near by.

With kindest regards and hopes
I remain your friend
Yours Wm C Bowen

Form No. 1.

1883-08-11

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting the liability, which have been accepted by the member of the following telegram.
or delivery of messages. Messages are not to be sent by this company when you hold them liable for error or delay in transmission.
This is an UNREPEATED MESSAGE and is delivered for request of the sender. Under the conditions of the company, the sender is not responsible for the message.
THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER 52 SENT BY We RECEIVED BY Paid
852 BROADWAY.
Received at 731 BROADWAY.

Dated, Long Beach, Hotel J. I. 11
To, Mr Samuel Insull
65 15 Ave N.Y.
Please send Mrs VanCleave twenty
dollars today
M Edison

Edison

This telegram has just been received at the office in 731 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

The Weekly Herald
Colonial newspaper

1883-08-12

Portsmouth Aug 12 1883

Friend

I should I would
answer you letter long
before this but have been
trying to find from all
the old settlers around
here a copy of the paper
printed by T & S. but
do not think there is one
in Exeter and I sent letter
to W & Wright in Colorado
but got no answer but don't
think he has one plus find
enclosed letter to T & S be so
kind as to hand it to him
we would like to see you out
here this summer and make
us a visit Y^{rs} W P Edison

1883-08-12

Port Huron Aug 12/83

Dear Sir I see by the paper
that you are a going to
be a business man for
a year I suppose you
heard that I sold out
the Road or rather gave
it away for since this
J. R. Francis commenced
running down the river
bank it has almost
become a dead letter
for it took more than one
half of its business away
and it was lucky for me
that I got the farm I am
going to make a stock
farm of it but it will

take me about two years
to get it in shape for it
must all be seeded down
I seeded 37 acres this spring
and will seed down about
40 acres this fall and 40
acres in the spring I have
already got some young
stock I put it up here &
there when I can buy it
cheap I keep a good man
on the farm so it is not
necessary for me to be there
much of the time for a year
at least now I can't go
place me somewhere for
that time there is lots of
work in me yet I would
not care where I was placed
in New York or any where
Else I would rather go west
than East so all of you care

think of some place that
I could attend to for
that time or longer I know
that I would take more
interest in you business
than a stranger would
but if you have nothing
for me to do I would
like to know soon so I
can loose up something
else

WFC

we are all well

THE WESTERN UNION TELEGRAPH COMPANY

THIS IS AN UNRECORDED MESSAGE, and is delivered by request of the sender, under the conditions named above.

Mrs J A Wilson

I am here to pack
China and nobody seems to
know what there is to
be packed.

This telegram has just been received at the office in 333 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE

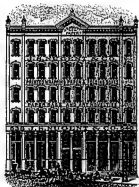
1873-11-2

6 lb. White Castile Soap -
2 Boxes Eucalyptus Eucalyptus Bogart Whit-Soap
8 oz Pot " Ext " "
8 oz " " Glycerol Solut "
8 oz " " Glycerol Solut "
8 oz " " Glycerol Solut "
1 doz Bott Florida Water ✓
1/2 " " Rose Water ✓
1 gal Bay Rum
1 gal Alcohol
1 doz Boxes Vaseline Camphor Ice ✓
1 doz Boxes " Cold Cream ✓
10 lbs Anna pulverized Borax
8 oz Aromatic Spirit of Anisone
2 1/2 oz Pot Sulfate of Morphine
2 lbs Gum Acacia
8 oz Glycerine

1873

$$\begin{array}{r} 133.56 \\ \underline{152.95} \end{array}$$

Underwood p. 70. 1883



JOHN S. NUGENT.

JOHN E. BORD.



New York, Dec 23 1883

My Dear Mrs Edison

Your esteemed favor of Dec 18th reached me in due time. and gave me pleasure to attend to promptly.

I hope the selection pleased you and proved to be about what you desired. I did not get to see the contents of the boxes sent you. but I trust you will find them alright. one thing is certain they are pure and fresh.

Thanking you very much for your kind invitation, and wishing you the usual holiday blessings. I am

Yours very truly

J. M. Borng

Household

FRIDAY

(1883)

Mr. Lake

Please settle this Bill
and send me some
money I have a
cent

Yours
Wm. Edison

(1883)

NEW YORK 25 GRAMERCY PARK.

Mr. E. W. Mott

65 Fifth Avenue

City

Order of Messrs. & Robins

5 lbs White Castle Soap

3 boxes Colgate's Cashmere Toilets

Toilets Soap = 3 boxes Pears

Toilets Soap = 1 box Lloyds

Excess for Shaving

10 lbs pure pulverized Borax

1.80z box ^{col} Colgate's Cashmere

Toilets = 1 box Colgate's Jockey

Club = 1 box Carb. Amalgam

Blossoms = 1 box Yang & Yang

1 lb Cream of Tartar.

Mrs. Thomas A. Edison

W. H. Gamsey, Phil.

L. Inauk Bay
42 East 26th St
Leily

1883. Edison, T.A. - Insurance (D-83-015)

This folder contains correspondence and other documents relating to the payment and renewal of Edison's insurance policies.

Approximately 90 percent of the documents have been filmed. Bills, receipts, and routine correspondence have not been filmed.

1883-04-09

CHAS. B. CARMAN,

General and Commission Dealer in

TIMBER, PILES, DOCK LOGS, &c.

—ALSO—

HEWN OHIO OAK, WHITE AND YELLOW PINE TIMBER,

No. 42 ESTOR HOUSE BUSINESS OFFICES,

New York, *Apr 9 1883*

Dear Mr. Duane

I received yours of 8th Johnson
St. I had the renewals on my office
and will transfer them immediately
why on hell does word send the
renewals? he was not ordered to
am obliged to you for letting me
know of it - will be up to see
you in a day or two - besides
the \$500.00. existing on the 6th
there is 13,000. at present in my
making of 21,000. all told in cash
waiting I believe by load. I'm drunk - been
at wine all night

Very truly
Yours
Chas B Carman

No. 129 BROADWAY, NEW YORK

10/01/29 *Apr 28* 1883

My dear Mr Ince.

Noticed that the
second annie payment
on the first \$25.00
policy of Mr. Nelson
falls due on the 29th inst
Sunday. I'll send
check for same by mon-
day. Leave for
Quincy on Wednesday &
will try to get up today
again if I do not
commence me if I can
serve you on the other
side.
Yours sincerely
Haden Bloodell

1883-05-15th

This Company **TRANSMITS** and **DELIVERS** messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Herein can be gathered against you by repeating a message back to the sending station for comparison, and the company will not be held liable for errors or delays in transmission or for the use of the message, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORTH GREENE, Pa.

NORVIN GREEN, President.

NUMBER 1 SENT BY REC'D BY CHECK
Bkg. R.R. 9 Jan 1882
Received at 552 Broadway May 15 1882
Dated, Boston House 15
To Samuel Insall.
\$3.00 to N.Y. for Fare
Can you send me the
Garck. Street. Check today
Wm. Corran

This telegram has just been received at the office in 701 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WRITES

1883-05-22

THE

EQUITABLE LIFE ASSURANCE SOCIETY,

No. 120 BROADWAY, NEW YORK.

May 22nd 1883

Mr. Chas. A. Edison

65-5th Ave.

Dear Sir:

The last day of grace for

payment of premium on Policy No. 248,602

will expire May 29th. Unless paid by that
time, your policy will be forfeited.

Please send check with the fine added,

And oblige,

Yours truly,

TILDEN BLODGETT.

Premium, \$1000.²⁵

Fine,

\$8.³⁴\$1008.⁵⁹

1883-05-29

THE

EQUITABLE LIFE ASSURANCE SOCIETY,

No. 120 BROADWAY, NEW YORK.

May 29th 1883

Mr. Chas. A. Edison

65-5th Ave.

Dear Sir:

The premium on Policy

No. 248,948 will be due June 1stAmount of premium, \$1000.²⁵Please send check for same, if not already
attended to, and oblige,

Yours truly,

TILDEN BLODGETT.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELAYS TELEGRAMS only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors are its fault, and it is not responsible for forwarding a message back to the sending station for corrections; and the company will not hold itself liable for errors or delays in transmission or delivery of telegrams. Messages, except the nature of such paid service, for its any case where the claim is not presented in writing within sixty days after sending the message.

This is an **URGENT MESSAGE**, and is delivered by request of the sender, under the conditions stated above.

NORVIN GREEN, President.

NUMBER	EXT. BY	RECD BY	CHRG
93	MA	57	9Pd
Received at 852 BROADWAY.			
Dated <i>Ador Rouse</i> <i>10/2</i>			
To <i>Saml Insell</i>			
<i>65-5 ave.</i>			
<i>Send the two hundred thirteen</i>			
<i>fifty four this morning</i>			
<i>McCarman</i>			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Manila Park

June 24/82

Prof. Thos A Edison

My Dear Sir:

I called today to see you from Mr Byde, in relation to asking ^{your} acceptance of the full line of insurance issued by the Equitable Life on an ad. approved risk, Mr Byde has approved you on the recommendation of our Medical Directors, who have passed upon you as a first class risk, "equal to the best" & I called with ~~the~~ ^{chose} Policy for \$25,000 - same as you have - Mr Byde recommends this form of Policy, as not only being insurance, as that is given, in addition to the investment, as their estimate is that you will have returned 150 % of the premiums paid, you have the \$25,000 insurance for nothing.

Mr de Navarre, who has been one of our Directors, for 20 yrs. gave me a letter (Mr Byde being absent so he could not sign one) recommending the Policy

If you want we can give
you both the policies in one policy
of one date.

Yours truly

Frederick L. Dodge

164
June 27/08
Dear Sir,
I have the pleasure to inform you that
the policy of insurance for the year
1908 has been issued to you and is
now in your hands. It is a policy of
the same amount as the one which
expired on the 27th of June, 1907.
I am, Sir, very respectfully,
Yours truly,
Frederick L. Dodge

Wm. L. Dodge
Wm. L. Dodge

James H. Baker
Alvin G. Baker

D
1883
W.D. -
Sat

CHAS. B. CARMAN,
General and Commission Dealer in
TIMBER, PILES, DOCK LOGS, &c.

—ALSO—
HEWN OHIO OAK, WHITE AND YELLOW PINE TIMBER,

No. 42 ASTOR HOUSE BUSINESS OFFICES,

New York. July 13/1883

Dear Mrs. W.

Will you please send
me a check tomorrow for Mrs.
as per bill sent you
I sent a bill to her of 700.
and enclose if you can arrange
with Mr. Reed to let me
have that or even 1/2 of it
to morning your answer greatly
I only sent the bill this week
as I have been sick for two
weeks sent the bill on date about
an month back

Very truly
Chas. B. Carman

1883-07-21

CHAS. B. CARMAN,
General and Commission Dealer in
TIMBER, PILES, DOCK LOGS, &c.

—ALSO—
HEWN OHIO OAK, WHITE AND YELLOW PINE TIMBER,

No. 42 ASTOR HOUSE BUSINESS OFFICES,

New York. July 21/1883

Dear Mr. Insull

Please have Reed
send me a check to day Mrs.
at her of \$700¹⁵ at any rate
send me \$300 as I must pay some
of the premiums - please send
check for Mrs. Johnson's too also
about \$75 - answer
by enclosing what you can
do and oblige

Very truly
Chas. B. Carman

1883-07-24

CHAS. B. CARMAN,
General and Commission Dealer in
TIMBER, PILES, DOCK LOGS, &c.

—ALSO—
HEWEN OHIO OAK, WHITE AND YELLOW PINE TIMBER.

No. 42 BETON HOUSE BUSINESS OFFICES.

New York, July 24 1883.

Friend Isaac,

I sent a messenger to
you Friday and requested an answer
but did not receive it. - will you
please send me at least \$300.
someway, as some of the Co's must
be paid. I have stayed at of long
as I can and must settle with
some of them I have been sick some
times and dare not go out to day
or I would come and see
of my ~~self~~ please oblige

Yrs. Chas. B. Carman

1883-07-25

CHAS. B. CARMAN,
General and Commission Dealer in
TIMBER, PILES, DOCK LOGS, &c.

—ALSO—
HEWEN OHIO OAK, WHITE AND YELLOW PINE TIMBER.

No. 42 BETON HOUSE BUSINESS OFFICES.

New York, July 25 1883

Dear Isaac,

Please send me
some money by tomorrow for
board & insurance as I must
pay some of the Companies
its raising the debt with me.

Respectfully
Yrs. Chas. B. Carman

NEW YORK

1883-08-21

BOARD OF FIRE UNDERWRITERS

Committee on Police and Origin of Fires

Room 36, 115 BROADWAY,

New York, July 21, 1885

FILE NO.

*What you
are asking
is quite
reasonable
and should be
considered in
connection with the
substance of previous measures
to prevent fire in your premises
at the Coal St. Station, and at
Conrad St. Shops, and in view
of the strong argument for the
adoption of fire escape, for each
precautionary measure, we
would respectfully certify you that
unless immediate measures are
adopted to ensure through
cleanliness, and to prevent the
accumulation of waste about the
premises, we will be obliged*

NEW YORK

1883-08-21

BOARD OF FIRE UNDERWRITERS

Committee on Police and Origin of Fires,

ROSEL BUILDING,

Room 36.

115 BROADWAY,

New York, _____ 188

*To recommend all Insurance
Companies to cancel their
policies on the property
Guaranty Fire Co.
should be paid for
waste, and all of the waste
removed each night.*

*Yours
J. W. Anderson
Chairman*

*Wrote Mr
Anderson as to
Pearl St SB
V.B*

ALL LETTERS TO DIRECTOR
TO BE ADDRESSED
"THE LIVERPOOL & LONDON & GLOBE"
INSURANCE COMPANY,
NEW YORK.

THE LIVERPOOL AND LONDON AND GLOBE INSURANCE COMPANY,

45 WILLIAM STREET,

NEW YORK, 2nd Sept 1888

J. H. BULFORD, *General Manager*
HENRY W. BAYNE, *Deputy Manager*
GEORGE W. HOTT, *Assistant Deputy Manager*

1883-09-28

Cash DEPARTMENT.

Thos. A. Edison Esq.,

65 - Fifth Ave.

City

Dear Sir:-

2722337. \$112.00

The premium on the above policy not having been paid within the three months required by our regulations, we have no alternative but to cancel the policy unless the premium be paid to us before 3 o'clock p.m. on Saturday the 29th inst. in which case the liability of the Company will cease and determine, and a charge be made for the earned premium thereon.

Yours truly
R. B. Satter
Deputy Manager

HENRY W. PEARBODY & CO.
EXPORT COMMISSION MERCHANTS
BOSTON, MASS.

1883-10-16

H. W. PEARBODY,
E. H. MARGENT,
C. D. BARRY

BRANCH OFFICE, 32 LIBERTY ST.

New York, Oct 16 1883

The Edison Electric Light

Gentlemen

Enclosed we hand
you original bill for Insurance
just received. Kindly make
check payable to order of
Henry W. Pearbody & Co.

Very truly
J. E. Bullard.

H. L. PALMER, President.
MATTHEW REENAN, Vice President.
EMORY MCGILVER, Secretary.

1223-10-23
WILLIAM REHRIG, Sup. of Agents.
J. W. REHRIG, Secretary.
L. MCHUGH, M.D., Medical Director.



Oct. 23rd. 1903.

Thomas A. Edison, Esq.

New York City.

Dear Sir:

I desire to impress upon you the fact that policies in this Company cost from 10 to 30 per cent. below similar policies in other companies. We are also the strongest of the five largest Mutual Companies. We have a proposition for a remarkable investment that we would like to have you investigate. If you will call at the General Offices of the Eastern Department, No. 13 Park Row, opposite the Astar House from 1 to 2, you will have a proposition made you which is now being very generally accepted by your best business men; or, if you prefer to have the same sent to you by mail, and not have Agents personally present it, please send me your date of birth.

Very truly, yours,

Jno. T. D. Bristol,

General Special Agent.

Per H.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

1883-11-17
Form L

New York, *Nov 17*

1883

The Equitable Life Assurance Society
of the United States
1120 Broadway

Please to
this Society
for 65.50
as below

city

Date

Dear Sir:

Will you please let us
know the amount of premium
on ^{life} policy No 252757 held in
your City by C.W.W.D. Rich
as we wish to pay the
same for him -

Nov 24 - 65.50

Yours truly

Nov 24 - 65.50

Nov 24 - 65.50
Wm. A. Edison

1883-12-10

T. P. SHERWOOD.

J. Q. AYER WILLIAMSON.

R. W. WOODWARD.



Jersey City, Dec. 10th 1883.

Dear Mr. Edison Eng.,
New York.

Dear Sir,

Your favor this date
at hand. we give you such
means of Insurance as we
are able to glean from our
Books. Mr. Wm. Cassman
having kindly attended to
all your business - we cannot
guarantee that this list
is correct. There may be
other Insurance in the same
properties that we have
not effected. Please
keep this fact in mind

that we cannot assure you
that the enclosed list
covers all the Policies
that Mr. Cannon has
in the various companies.

Yours truly
Wm. J. Cannon

P.S.

Please do not do any
work in your Policy
Shop until you have
further orders.

WJC

T. A. EDISON,
at New York.

1883-12-26

New York, December 26th, 1883.

William Carman, Esq.

care Chas. B. Carman,

Astor House, City.

Dear Sir:-

I enclose herewith a notice from the Mutual Life Insurance Company, which kindly give your attention to as soon as possible, and oblige,

Yours truly,

Thos. A. Edison

Enclosure, g.

T A Edison

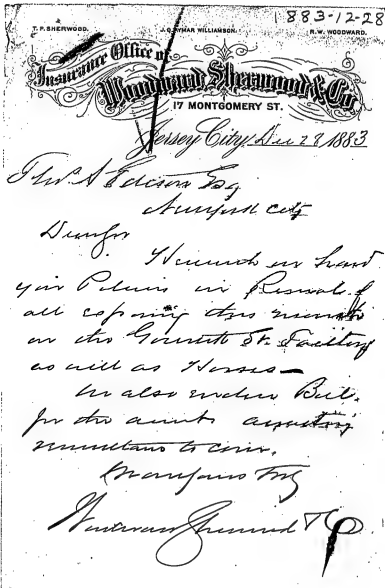
Dear Sir

I have had a renewal of this policy sent to the Mutual Life and a duplicate sent to you amount of bill \$15. which you can send me when convenient

Respt

Wm Carman

This is on Mr Edison's letter at West's People Me



1883. Edison, T.A. - Outgoing Correspondence (D-83-016)

This folder contains tissue copies of outgoing correspondence similar to the items found in the Letterbook Series. Much of this correspondence was typed by the office staff of the Thomas A. Edison Construction Department. Most of the letters relate to the business activities of the Construction Department, but there are also documents pertaining to Edison's other business interests, including domestic and foreign electric light and telephone companies, along with some responses to Edison's incoming personal correspondence. Much of the correspondence is by Samuel Insull, Edison's private secretary and attorney for Construction Department business. There are also numerous letters by Alfred O. Tate, Insull's assistant.

Approximately 60 percent of the documents have been filmed. The following categories of documents have not been filmed: personal correspondence by Insull and Tate; routine correspondence regarding orders, shipments, employee accounts, routine financial transactions, and routine stock sales and transfers; routine responses to individuals seeking employment, requesting advice, or offering advice; routine answers to other unsolicited inquiries; letters of transmittal and letters of acknowledgment that do not contain significant information or that simply duplicate information in letters already selected; duplicate copies of selected documents.

Related correspondence can be found in D-83-040 (Electric Light - Thomas A. Edison Construction Department - General) and in the Construction Department Letterbooks, LM014 - LM021 (Letterbook Series).

1883-C6-11

Exhibition

June 11th.

George H. Bliss, Esq.

Chicago, Ill.

Dear Sir:-

I have your letter of the 7th, inst. I am sorry that the Electric Railroad Exhibition is such a limited success, but it is nothing more than I expected. I am endeavoring to get you the information about persons being killed or injured by the United States wires. I know accidents have occurred with British wires but I do not know precisely whether any have occurred with United States wires. Mr. Howell will go to Chicago immediately you are sure that a test is to be made. If you will telegraph when you have precise information, I will have him sent immediately. I will have copies of the papers containing an account of the failure of the light on the Brooklyn Bridge obtained for you and sent forward by an early mail. As soon as I can get through pressing business here I shall go out to Chicago, so you need not bother about coming on. Gen. Stager was here this morning and as a result of my interview with him, I decided that I would pay you people a visit.

Very truly yours,

1883-06-11

June 11th,

My Dear Johnson:-

I wrote you the other day drawing your attention to the correspondence which had taken place between us and the London Company as to accounts. Your last letter to Edison explained the strange relations between yourself and the London Company and gives me an explanation of their action in writing to us in such a manner. Edison gave me instructions not to send any more goods to London of any character, until the London Company had made some arrangement to pay for them here, instead of keeping us out of our money several months, and that at the end of that time making reductions for which they absolutely refused to give a any explanation whatever. The whole of the charges made against us and which you will see as soon as you get in their office are scandalous in the extreme. Will you fix matters up, now you have control, so that we can get our money from London. You write to Edison that it was very objectionable to have to ask the London Company for money, the time they sent us their last remittance. Of course I can understand that under the circumstances you would have preferred to have let the matter run on, but I can tell you that the remittance they sent us was a long way overdue,

1883-06-11

2

and should have arrived here weeks before it did. This state of affairs ought not to exist. We have now an order for about \$2,000 worth of lamps from them. Edison told me not to send those lamps until they had made some arrangements for the payment of the same. Of course I have not written to them to this effect, but I give you the information to let you know how Edison feels about the matter. The fact is our business looks as if it is going to be so big at home, that I have not the time to go into petty quarrels with the London Company as to whether they should charge us \$30. or \$300. for some packing, and as to whether they will pay now or in 3 months time and then want 5 per cent discount for prompt payment. All these matters want to be fixed up, and I presume you will do so now that you have the lines in your hands.

Business is going along first rate. Saturday we closed a contract for \$30,000 for Lawrence. This makes \$100,000 worth of contracts absolutely closed. We have got several hundred thousand dollars more under way, and before you get back here I think we shall have half a million dollars worth of work in the course of construction.

I do not propose to write any more to you until I get a

1283-06-11

3

letter. It is all very well to write and say that you have no
time to write to me, but I notice that you send letters to other
people, as I happen to know your handwriting and saw it in the
office. I am getting jealous young man and don't you forget it.
I have only waited about 9 weeks for a letter. I suppose you
would say a little matter like this should not make you bilious.

1283-CG-11

June 11th.

My Dear Batchelor:-

Years of the 20th. came to hand this morning. A Board of Directors of the European Company was elected about one week ago and Major Eaton was authorized to go through the necessary legal formalities to increase the Board of the Company, and Wallerstein will be one of the new ~~members~~. I will follow the matter up and see that ~~they~~ are not forgotten. As to wire from Cowles, I enclose you herewith copy of a letter I have received from him. I do not know whether it is the magnet wire you refer to, but will find out and if it is I will make further enquiries as to the matter. The note book which you left on my desk was mailed to you two or three days after you left as were Hornig's estimates. I have got some cold tests of Hornig's which I will have sent to you immediately I can get them copied. I will convey your messages to Vall and Clarke as requested.

GERMAN MATTERS. We received a telegram from the Societe Electrique saying that the German contract would be broken unless we sent models immediately. Our understanding was that they wanted models of all new machines, and as you know the only new machine ready to build was the 450 light "H". This we expect

1883-06-11

2

to ship them by Thursday steamer. We shall be starting in with the 100 light machine, with the 200 (the old Z) and the 300 (old L) right away, but will you please explain to the Societa Elettrica that what they asked of us was not really designed at the time they asked for it and that they cannot therefore blame us for the long delay in sending the machines to Germany.

Very truly yours,

1883-06-11

June 11th.

3

Paul D. Dyor, Esq.

725 State Street, Arcade Hotel,

Erie, Pa.

Dear Sir:-

Your two packages containing canvass of Utica came daily to hand. The canvass is exactly what we want, the only error about it being that your sketch of the district canvassed was not according to any scale, however, we are working this out here in the office, having obtained another map.

ERIE. Please advise me as early as possible how long you think it will take to finish the Erie canvass. When you get through with Erie you must go on to Remova ^{Where} you are to go to after that, I will let you know later as we have found it necessary to alter your proposed canvasses. Do your best and send us a scale map of Erie. That telegraph operator who made the previous canvass can probably give you the points as to where to get it.

Very truly yours,

1883-06-11

2

permits.

Very truly yours,

1883-CG-11

n June 11th.

W. J. Garrison, Esq.

P. O. Box 3627,

Boston, Mass.

Dear Sir:-

I am in receipt of your favor of the 9th.. I have written Mr Jenks fully upon the subject of the poles, and will not trouble you further in relation to the matter. The other work is going ahead all right. The main part of our machinery will be on the ground about the 25th. or 30th. of the month and the building will be finished about 5 days after.

Very truly yours,

1883-06-11

June 11th.

W. J. Jonks, Esq. Manager,

The Edison Electric Illuminating Co.

Brockton, Mass.

Dear Sir:-

In reply to your letter of the 8th, I would state that trees will not at all interfere with our overhead wires. The leakage which would be ruinous to the telephone and telegraph wires from their contact with trees has no effect whatever upon our system. We intend using 30 and 45 ft. poles, 7 inches at top. We would not need to cut trees nor their limbs, but would set the poles and run the wires right through the trees. Our cross arms are nicely designed and all the poles painted and the whole thing will look very different to the telephone pole lines. Of course we can run them through the back lots if you say so but the cost of connecting each house would, I should imagine, be considerably ~~more expensive~~ the pole lines would then be considerably further away from the houses, than if the poles were erected in the streets themselves. We will attend to getting all our own poles, and if you will decide immediately what course will be taken in the matter we will give you detailed plans so that you can get the necessary

1883-06-11

June 11th.

Francis R. Upton, Esq.,

Edison Lamp Factory,

Harrison, N. J.

Dear Sir:-

Will you be good enough to hold Mr. Howell in readiness to go to Chicago on receipt of Telegram advice by me that he will be wanted there. It is proposed to make a test of the various incandescent systems competing at the Chicago Exposition.

Very truly yours,

1883-06-11

June 11th.

Sponcor Gordon, Esq.

Boston, Mass.

Dear Sir:-

Please let me know exactly what I am promise if I get hold of a first class village plant man. Can I give him territory and what terms? You told me once I could. Have you changed your mind? I could get them and refer them to you if you will tell me the terms.

Very truly yours,

1883-06-11

June 11th.

Chas. T. Hughes, Esq.

U. S. Hotel,

Newburgh, N. Y.

Dear Sir:-

I have your favor of the 6th. Inst. and am glad that you are meeting with such good success. As soon as you are absolutely certain that a company can be formed, we will have a canvass made. I shall be very glad to hear from you as to the progress you make.

Very truly yours,

T. A. Edison,

per.

1873-56-71

June 11th.

Gardner C. Sims, Esq.

Providence, R. I.

My Dear Sims:-

I have yours of the 8th. and I am delighted that you have at last learned my true character. You must have been dull not to have discovered before this that I am a damned liar, but a little thing like that should never alter friendship. The fact is Gardner I had no money on Saturday to send you. I only just managed to pay my payrolls, but I will send you some cash on account of something either to-morrow or next day. May be I will send you some money on account of all the engines I have ordered shipped, which will amount to a good deal more than the one engine at Goreck street. Since you were here I have been as sick as a dog. I am a little better though to-day and by the end of the week shall probably be all right again, and you need not be surprised if next Sunday I decide to bore you with my presence.

Very truly yours,



1823-06-11

June 11th,

William M. Douty, Esq.

Shamokin, Pa.

Dear Sir:-

I have your favor of the 9th, and am very much obliged to you for the trouble you have been put to in contracting for poles for me for Sunbury. Hoping sometime to be able to return the compliment, I remain,

Very truly yours,

1883-06-12

June 12th,

Prof. G. Colombo,

Via Manzoni 12 A

Milan, Italy.

Dear Sir:-

I would suggest that you should put safety catches on BOTH POLES in the street boxes of all kinds and in the station on the feeders and dynamos. We have had trouble here in New York from not having this done, there having been a combination of circumstances whereby a cross occurred beyond the influence of the safety catches, which heretofore have only been on one pole.

Very truly yours,

1883-06-12

June 12th.

3

*Batchelor &
Johnson*

Things are progressing here at quite a pace.

CENTRAL STATION PLANTS. The contracts absolutely

closed are as follows:

Bunbury, 500 lights, \$11,000

Shamokin, 1,000 lights, \$25,000

Lawrence, 3,200 " \$32,000

Brockton, 1,600 " \$31,000

Danville, 1,600 " \$23,000

All following are being negotiated and promise to close very shortly:

St. Louis, \$150,000

Lowell, 3,200 lights, about \$50,000

Hamilton, Ohio, about \$35,000

Utica, \$35,000

and a whole host of others too numerous to mention. A syndicate has been formed to work Ohio on the following terms: They are to guarantee 24 plants a year of an average cost of \$20,000 each. This guarantee lasts for 5 years. After the 5th. year, I think double the number, namely, 48 plants a year of \$20,000 each.

1823-06-12

2

This contract is made with Cincinnati capitalists, all of whom are extremely wealthy and we expect great results from it. We have now got our men working at Sunbury, Brockton and Shamokin. We expect to start them at Danville next week and Lawrence about the week after. Business looks as if it is going to be larger than our most sanguine expectations could anticipate.

Our isolated business to is getting to be tremendous. We have received an order for 4,400 lights for Louisville and about 6 other orders within the last week, the details of which I am not familiar with. Down in New England we have got a large number of very large factories and mills to light. We are also getting quite a considerable number of theatres, in fact Edison light is commencing to boom for the season, and I think now the boom has commenced it will never stop.

ILLUMINATING COMPANY. The illuminating business is running very well in the City. Chinnoek, the new superintendent, as already instituted considerable improvements down there, and after looking into the matter very carefully he says that he knows he can make it an entire success. On Sunday they had a peculiar accident by a combination of circumstances, which I do not exactly understand. The largest feeder got crossed. The lights went

1883-CG-12

3

down immediately of course. Chinnock was home sick, Cashe and Bradley were at the office, Cashe wanted to shut down but Bradley insisted upon putting on more engines. They put on engine after engine until they had 5 on, then they slowed down the engines, opened the throttle suddenly and after doing this a number of times they bursted the cross. When discovered it was found that over a foot of the largest feeder we use was melted off. Of course the above is the only way of preventing the stoppage of the Station. This is the first narrow escape, and a very serious one to, that we have had. Arrangements are now being made to extend the present District to Broadway from the Times Building to Wall Street. First of all we are only going to run on one side of Broadway, then we are going to run on both sides. This will take in the streets between Nassau and Broadway as well. This matter is now being figured out. We have got in the Station an ampero indicator which indicates exactly the number of lamps on at any one time. They are now getting up a recorder so as to keep an exact curve of the indications of this instrument.

The new wiring department is beginning to get quite a good deal of work. Very little of outside wiring but still a great deal of work from the Illuminating Company and the Isolated.

1273-06-12

3

Company, both from the home office and the New England Department.

FINANCIAL. We are all of us still very closely pressed for money. The main cause is the shortness of money of the Illuminating and Parent Companies. If these two companies were not so hard up and could pay up their bills we should be in very good condition to-day. Of course the endeavor of Edison to swing this new construction business will keep us somewhat short of funds for some time to come notwithstanding we shall have plenty of work, however this is only temporary. Edison goes to Chicago either the end of this week or the commencement of next, to wake up the Western Company and start them on central station work.

Very truly yours,

1883-06-12

June 12th.

John R. Markle, Esq.

Central Western Edison Light Co.

53 Wabash Avenue,

Chicago, Ill.

Dear Sir:-

I have your two letters of the 9th. and 10th. inst.
If Mr. McMillan made the statement that they attribute to him, all
I can say is it is not true, as I never told Mr. Millan that we
could not compete with gas. Major Eason will write you fully on
this subject. I should advise you to keep your powder dry and
harass the enemy at all "pints".

Very truly yours,

1883-06-12

June 12th.

W. R. Upton, Esq.

Edison Lamp Factory,

Harrison, N. J.

Dear Sir:-

We have closed the following contracts for village plants:

Shamokin, 1,000 lights.

Sunbury, 500 "

Brockton, 1,000 "

The following will be closed this week:

Lawrence, 1,000 lights

Danville, 1,000 "

Hamilton, Ohio, 1,000 lights.

Although we have no definite orders to give you for lamps for these plants, you will of course get them from one source or another within the next few weeks. Mr. Edison suggested that I should write to you and inform you of the above contracts, so that you might make the necessary arrangements as to the disposition of your 10 candle lamps of various volts.

Very truly yours,

1883-06-12

June 12th.

W. H. Stewart, Esq.

Santiago, Chili.

Dear Sir:-

I would suggest that you should put safety catches on BOTH POLES in the street boxes of all kinds and in the station on the feeders and dynamos. We have had trouble here in New York from not having this done, there having been a combination of circumstances whereby a cross occurred beyond the influence of the safety catches, which heretofore have only been on one pole.

Very truly yours,

1883-06-13

June 13th.

3

Edward H. Johnson, Esq.

74 Coleman street,

London, E. C.

England.

My Dear Johnson:-

I have received your two letters giving me an account of the struggle you have had in London, and have also received your cable stating that you have obtained control without contest. I do not think that Clarke would suit to starting a central station in London, as to Chinnock, we have him now as you are aware as superintendent of our First District. If you think it advisable you might suggest to the London Company the advisability of letting me put in the station in London, that is I would contract to do the work the same way as we contract to do it in this country. We will make tender to erect a station and everything complete, except digging and repaving the streets, for a given sum and run the whole for a specified period before turning it over. If you think this is feasible, and the London Company want us to make the tender, we will do so, and would charge for our estimate if they did not accept our tender, but if they did accept

1883-06-13

2

our tender, of course there would be no charge for estimate. of
The expense of making the estimate would not be more than 250.
I should want the estimate made according to my ideas and on such
plans as I should lay down, then the canvass would be sent over
here, we would go thoroughly through and make the electrical
determinations and give the estimates for the whole of the work.
Of course this is only a suggestion to you and if you do not think
it a good one why do not say anything about it to the London Com-
pany.

Very truly yours,

1883-06-13

June 13th,

3

J. V. MacKenzie, Esq.

Ganewell Fire Alarm Co.

2 ¹/₂ Barclay Street, City.

Dear Sir:-

You took away from here the cable that I received from Mr Parrish and promised to show it to Mr Pond and bring it back the next day. Up to this writing I have not seen you since.

Very truly yours,

1883-06-13

June 18th.

3

Charles Batchelor, Esq.

cara Societe Electrique Edison,

181 Ave de l'Opera

Paris, France.

Dear Sir:-

I beg to enclose you herewith a bill of lading for some drawings shipped you this day, and which were sent us by Arrington & Sims, of Providence. These drawings will show you the alteration in the shaft necessary to put a driving pulley on each side of the engine. We are going to use these engines run ing at 250 to drive 2 "H" machines, each to carry 800 ton candle lamps for our village plant work.

Very truly yours,

1883-06-13

June 13th.

3

Charles E. Doan, Esq.

Edison Machine Works,

104 Goreek Street, City.

Dear Sir:-

Messrs. Dougherty called here this morning with Mr Doan in relation to their account, and made arrangements with Mr Edison as to giving them paper, which I think it well to state to you in a letter in order to have the matter recorded as Mr Edison and myself understand it. Messrs. Dougherty are to supply castings to Mr Doan of the Machine Works at the price they are charging now, they are to give 30 days on their bills and then to accept the Machine Works note at 4 months in settlement of the account. In case the Machine Works should have difficulty in meeting these notes, they are to notify Messrs. Dougherty two weeks before the maturity of the note, and he will then accept a renewal of the note. I think that you should obtain from Messrs. Dougherty a statement in writing to the above effect, so as to protect us if at any future time we should be unable to meet our paper on maturity.

Very truly yours,

1823-06-14

June 14th,

3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I enclose you herewith estimate for the erection of central station plant at Lowell amounting to \$52,240. This estimate includes mains, feeders &c. for 4,243 lamps, but we have thought it best to start a plant in the first place of 3,200, although laying down mains for the total lamps in the district. If we can run our feeders across blocks 17 and 18, as shown by dotted lines on the map across those blocks, the cost of the underground system will be \$1,000 less. The enclosed estimate includes everything in the station and the underground system and 260 services with a short length of pipe running from each of these boxes towards the consumers house, the latter being in order to lessen the cost of connecting the consumers with the mains.

Very truly yours,

1883-06-15

June 15th,

3

"Cashier" Germania Bank,
215 Bowery, City.

Dear Sir:-

Enclosed please find Power of Attorney from Mr. Edison to myself, authorizing me to act in his behalf in all matters in connection with your Bank. Please place the Power of Attorney on file and oblige,

Very truly yours,

P. S. I give you below a signature I shall use in sending checks for Mr. Edison,

1283-04-15

June 15th.

H. W. Byllesby, Esq.

Edison Light System,

Canada Life Chambers,

Hamilton, Ont.

Dear Sir:-

Referring to your favor of the 12th, I beg to state that we depend entirely upon the honesty of our customers with relation to the life of their lamps. In some mills they mark the date on the lamp when it ~~is~~^{is} put in and also when the lamp breaks, and we thus get at the exact average. I ~~see~~^{see} no objection whatever to your permitting the variations of 40 revolutions in the dynamo armature as long as it does not occur too often. If the lamps are run slightly under their normal candle power, say from 14 to 15 candles, the life will be about 1,000 hours. A great number of mills have tumbled to the economy of this dodge, and, consequently, our lamp sales are growing beautifully less.

Very truly yours,

1883-06-15

June 15th,

G. C. Sims, Esq.

Providence, R. I.

Dear Sir:-

I enclose you herewith a blue print of proposed method of running 2 H dynamos from a 14 $\frac{1}{4}$ x 13 engine, one from one end of the engine and one from the other. Will you please let me have your ideas as to this method of running our ~~engines~~ ^{machines}, what objections there are to it and whether the wear and tear on the engines would be any greater? In fact I want you to write me very fully your ideas on this subject.

Very truly yours,

1883-06-15

June 15th.

3

W. J. Jenks, Esq. Manager,

Edison Electric Illuminating Co.

Brockton, Mass.

Dear Sir:-

I beg to hand you herewith estimate for wiring the building, the plan of which you sent me last. If you can arrange to have all these various buildings that we have estimated for wired at once, it will be a great convenience to us.

Very truly yours,

Leah

1883-06-15

June 15th,

3

J. U. MacKenzie, Esq.

Garnett Fire Alarm Co.

2¹/₂ Barclay Street, City.

Dear Sir:-

I cannot understand why I do not hear from you with reference to the English matter. I have got letters from London confirming the sending of the cable which I handed to you and have not even answered. I wish you would be a little more prompt in attending to these matters, as it gets me into bad repute with my correspondents on the other side if I do not answer them quickly.

Very truly yours,

1883-06-15

June 15th.

James M. Ormes, Esq.

Night & Force Co.

234 Broadway, City.

My Dear Ormes:-

I have just heard that the Brush-Swan people are going to light Mc.Kee Rankin's new theatre on Third Avenue near 31st. street. I thought that you might like to give these people notice as to the use of the Brush-Swan battery and therefore hasten to give you the information.

Very truly yours,

1883-06-16

June 16th.

W. J. Jenks, Esq., Manager,

Edison Electric Illuminating Co.

Brockton, Mass.

Dear Sir:-

I have your letter of the 15th. Inst. and beg to reply to your questions as follows:

FIRST. The term "Specially Insulated" means, copper wire which is double covered with cotton and painted, it is specially made by the Ansonia Brass & Copper Co. for our work. "On Surface" and "In Moulding" means that the wires are run on the surface of the wall but covered up with a wooden moulding.

SECOND. In buildings wired whilst in process of construction the wires are concealed behind walls and between floors the same as with gas piping.

THIRD. We put safety catches in such places as they are ~~needed~~ ^{called} for by the regulations of the Board of Fire Underwriters.

FOURTH. We figure on 2 per cent loss. *from meter*

FIFTH. Where concealed work is done in occupied buildings, within the walls, the cost of the same is about three times above that of surface wiring.

SIXTH. Our figures for wiring houses simply include "WIRING", *the* insulating blocks, the wiring of gas fixtures, switches and such like are fixtures and certainly cannot be called wiring.

SEVENTH. In the Masonic Rooms and Opera House we ~~certainly~~ should not include switches, regulators &c. in an estimate for wiring as they have nothing whatever to do with the wiring.

EIGHTH. When you first start I think it would be poor policy to endeavor to make money on your wiring, later on when you have a good business, then you might charge a certain royalty per light and add it to the amount you have to pay for getting the houses wired. I do not think you should make any concessions in the way of doing the work for a less price than you have to pay for it in order to get customers, they have got to come to you anyway if they want the light, and I think it would be very poor policy indeed to lose money on wiring. I am sorry I cannot comply with your request, to give you a figure for doing the wiring and completing everything inside the house, except the service main and the lamps. What you want is entirely opposed to the method in which we run our business.

NINTH. The Company should bear the expense of connecting consumers with the mains.

1883-06-16

3

I think that you should be very careful not to take orders for lighting until we get to Brockton. When the station is ready and we can supply light, then will be the time to get consumers. If you go to work and do it now you may saddle on the company customers who would be the opposite to good and simply involve the Company in a heavy expense, without enabling them to make any money. You must remember that your experience in our business is so very slight indeed, that it would be very easy for you to fall into this error. If the Brockton station is to pay, we want it run according to our methods, and there will be plenty of time to do this when our experts go to Brockton to start the lights going.

OVERHEAD LINES. It is immaterial to us where the overhead wires are run, as long as they start from our underground system within 50 feet of the point given on the map as indicating where our overhead system would start from, if we could go through the streets. I think the best way would be for you to prepare a sketch stating where it is possible to run them and then we will let you know if it will answer our purpose.

Very truly yours,

1883-06-18

June 18th.

3

Charles J. Clarke, Esq.

City.

Dear Sir:-

Referring to our conversation of this morning, I beg to reiterate what I then stated, namely, that I am credibly informed that the men at Menlo Park engaged in the Determination Department are in the habit of spending the greater part of their time loafing, and that one day last week, either Thursday or Friday, these same men occupied part of the forenoon, when they should have been at work, in gathering wild strawberries. It appears that they work often up to 11 o'clock at night and I understand that their modus operandi is to loaf during the day and work at night, and so get double pay. I have reason to believe that my information is perfectly correct, but I wish you to understand that I take the entire responsibility for the above statements, and I would prefer that you make no enquiries to find out where I got my information, as my only object in informing you is that I think you should be posted on such matters as above.

Yours truly,

1883-06-18

June 10th.

3

W. D. Rich, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

I telegraphed you this morning enquiring whether you had received any poles for Sunbury. What is the state of your work there and when should we get requisitions for the Brockton work? I wish detailed information on all these points, so as to judge of what work is to be put forward next. I have closed the Lawrence contract absolutely. We expect to close Lowell this week. Danville will also be closed immediately Mr. Shaw can get up there to attend on the Board of Directors. I would suggest that you run up to Danville sometime, if you have half a day to spare and look over the ground. Our boilers and most of the engines have gone forward to Shamokin. You might communicate with Mr. John Mullen, the Treasurer of the Edison Electric Illuminating Co. of Shamokin, and ask him whether you can render him any assistance, saying that I have requested you to do so.

Very truly yours,

1883-06-18.

June 18th.

John Mullen, Esq.

Edison Electric Illuminating Co.

Shamokin, Pa.

Dear Sir:-

Our superintendent of construction Mr. W. D. Rich, is in Sunbury at the present time. If he can render you any assistance in putting up the Shamokin station, please call upon him to do so. I have written Mr. Rich telling him to write you offering to do anything he possibly can.

Very truly yours,

1883-06-18

June 18th.

3

C. H. Cooke, Esq.

Metropolitan Hotel,

St. Paul, Minn.

Dear Sir:-

I received your telegram this morning announcing your arrival at St. Paul. I have not as yet obtained the address of the promoters of our proposed company, but as soon as I get them I will advise you by wire of the same.

Very truly yours,

1883-06-18

June 18th.

W. B. Ward, Esq. Manager,

Monie Park Mfg. Co.

161 Milk Street,

Boston, Mass.

Dear Sir:

In reply to your favor of the 15th. inst., I beg to state that the Patent Office still object to the strong claim that we have made, and consequently the patent you refer to has not been issued up to the present time. My attorneys, however, are diligently prosecuting the matter and I hope to be able to report something definite at an early date.

Very truly yours,

1883-06-18

June 18th.

3

John Krugsi, Esq. Treasurer,

Edison Tube Co.,

65 Washington Street, City.

Dear Sir:-

I have yours of the 10th inst. I think it is of the greatest importance that the Brockton tubes should be ~~sent forward~~ ^{pushed} forward as quickly as possible. If there is any difficulty in getting the patterns, why not put them in two or three shops and so expedite their being finished. The delay which you spoke to me about on Friday of not getting this work done will cause me a very great deal of trouble, and I must again urge upon you the necessity of again hurrying this work forward.

Very truly yours,

Very truly yours, 1883-06-18

June 18th.

~~R. A. Colman~~ ~~Shamokin~~ ~~Sunbury was given four weeks ago and that for~~
~~Shamokin~~ ~~Three weeks ago~~ ~~for~~

19 Cliff Street, City.

Aa Bowles Seely
Albion Brass &
Copper Co.

Dear Sir:-

We are very seriously delayed by the balance of the
bare wire not being shipped to Sunbury and by the non-com-
pletion of the Shamokin order. I relied on getting this wire about
about two weeks after it was ordered and had made all my arrange-
ments accordingly. I wish you would do me the favor of hurrying
the matter up as I have men waiting to start work, and they cannot
well commence until the whole of the wire is on the ground.

Very truly yours,

P.S. The order for Sunbury was given four weeks ago and that for
Shamokin Three weeks.

1883-06-18

June 18th.

3

P. H. Klein, Esq.

care Bergmann & Co.

202 Ave B, City.

Dear Sir:-

Mr Greenfield has not written to me for expenses of the
Sainbury estimate. You have however got both the expenses of the
Sainbury estimate. When are you going to send men to Sainbury?
I would again remind you that we are under contract to light up
Sainbury by the 4th. July, and my impression is that the work that
will be behind will be Bergmann & Co's.

Very truly yours,

1883-06-19

June 10th.

G. J. Hill, Secty.

Edison Electric Illuminating Co.

70 Pine Street,

Williamsport, Pa.

Dear Sir:-

Mr. P. H. Shaw states that that part of Williamsport which is west of Hepburn Street has been canvassed. We have no record of any such canvass having been made. If it has been made, do you know where the canvass books are, and if so, will you please send them on to me at the earliest possible moment? If this part of the town has not been canvassed, I will send the canvasser on to do it immediately.

Very truly yours,

187-26-19
June 10th.

3

Charles Batchelor, Esq.

Paris, France.

My Dear Batchelor:-

I was out at Menlo Park yesterday and heard that some of the windows of your domiciliary edifice had been opened for several days and that men had been seen to enter the place. Neil Van Cleave told me that he went over and nailed up the windows he found open. I thought it well to let you know about this and to state that Mrs. Thomas has left Menlo Park, and as the people in that neighborhood seem to bear rather a bad reputation just now, something should be done with a view to taking care of your property. If I can do anything for you I need hardly say that I am yours to command. Will write you a long letter in a day or two. Business is booming.

Very truly yours,

1883-06-19

June 10th,

3

Edward H. Johnson, Esq.

71 Coleman Street,

London, E. C.

England.

My Dear Johnson:-

Sprague is here, but Edison has no letter from you stating what arrangements you have made with him. The other day Sprague asked me for a check for \$200. on account and I gave it to him, but I do not know whether to charge it against his travelling expenses or against his salary, and I do not wish to ask him whether you arranged for Edison to pay his expenses or whether he was to pay them himself. I wish you would advise me on this point as if the check was on account of salary. The young man is going it rather steep for a start off. Edison is going to use him in starting village plants, and although he thinks Sprague quite a smart fellow, his impression is that he is a pretty expensive man, as we do not have to pay Andrews any such salary as that paid to Sprague, and Andrews is a man of wider experience, however, if he does good work his salary will not be of much account.

1883-06-19

2

I think it is about time you wrote me, I have come to the conclusion that your wife is the correspondent of the family, and I am going address my letters to her in the future, you do not write a fellow worth a cent and if there was not a lady in the room while I was dictating this, I would swear at you like a trooper, however I will give you a little information. Edison telegraphed for you to come home because he thinks we are getting in the position of Bill Fye's dog, who swallowed some soft plaster of paris and as it began to harden came to the conclusion that he had bitten off more than he could chew. We want you to help us do some of the chewing. Our mastication is pretty good but it is not infallible. Edison went to Chicago yesterday to wake up the people there. This morning Eaton, Hastings, Bordon and myself had a conference to talk over the question of instructing our agents to get no more towns, until we had dealt with those already on hand. We have about six at Menlo Park waiting to be determined and we have about fifteen others waiting to be canvassed. Eaton's inclination was to stop, I expressed what I knew were Edison's views and suggested that the agents should pile in all the towns that they could and we would find some way of taking care of them.

1882-06-19

3

We are in a position to deal with this central station work very rapidly, the only weak point being Claudius' determining. As soon as Edison gets back from Chicago, he will put this right I think. I think that we can erect fifteen or twenty stations simultaneously which means to carry about \$500,000 to \$750,000 worth of work at once. The building of the station is a small question, the great point is to get them started and leave experts in charge of them for a month to work them and to teach local employees how to do our business. Now Edison wants you here to take charge of these experts, in fact to start the stations, and I think by the time you get home there will be piles of this kind of work for you to do. I cannot write any more just now but will do so to-morrow.

Very truly yours,

1883-06-19

June 10th,

3

John Kruoni, Esq.

65 Washington Street, City.

Dear Sir:-

I enclose you herewith a second determination of Governors Island. Will you please let me know at your early convenience if the alterations will make any difference in the amount of your estimate, and if so, please let me have the fresh estimate. I should like to have this by to-morrow, midday.

Very truly yours,

P.S.

I understand from Mr. Clarke that the copper in the largest feeder is hardly sufficient to carry the current necessary. There should be copper enough to carry 60 sixteen candle lamps. I think you will do well to communicate with Mr. Sprague about increasing the size of this feeder. I will ask him to call on you this afternoon or to-morrow morning, when he has concluded some experiments he is making for Mr. Edison.

June 30th:

W. J. Garrison, Esq. Treas.

P. O. Box 3527,

Boston, Mass.

Dear Sir:-

Your favor of the 19th. inst, together with letter from Mr. Jenks came to hand this morning. I think that you must have misunderstood part of Mr. Edison's letter to Mr. Jenks or ~~Mr. Jenks~~. Mr. Edison could not have expressed himself quite clearly. So far as I am aware, Mr. Edison saw no objection whatever to the wiring of the houses now in course of construction in order to save expense. Mr. Edison's only objection to Mr. Jenks' ~~giving~~ ^{giving} orders is that he is afraid that Mr. Jenks may possibly go ahead and obtain customers who may require the light for a very few hours daily, and thus shut out more profitable customers. It would be very difficult to give Mr. Jenks an estimate of the exact cost of putting in the electric light in Mr. Borden's houses, as we have no idea what Mr. Borden's taste might be in fixtures, and it is the usual thing for the owner of a house to choose his own fixtures. I think Mr. Jenks could get over this difficulty by consulting Messrs. Bergmann & Co's catalogue of fixtures, of which I have sent

him copies to-day. He asked us to estimate on wiring. The supplying of fixtures and switches is not included in an estimate for wiring, but of course we can estimate on this if we only know what fixtures Mr. Borden would like. Mr. Jenks is entirely wrong in thinking that we cannot give him the cost of having the Edison light in a man's house, we can give him any kind of information that he may desire if we clearly understand what he wants.

The reason our ^{original} estimate did not include the connection of consumers with the mains, is that we had no idea of the exact number of consumers you would have. I thought you clearly understood this at the interview you had with Mr. Edison when you were here last. If we had known exactly the number of consumers at Brockton, of course we would have included the connection of each consumer with our mains in our estimate. Mr. Edison is now on his way back from Chicago. He will be here to-morrow, and I will get him to go thoroughly into the matter, and to write you or Mr. Jenks fully in relation thereto. My impression is that he will consider Mr. Jenks' ideas about salaries to be paid to men entirely too high, and I fancy that Mr. Edison would like the choice of these men left to himself or his representative who starts the station, but he will reply in relation to this matter himself.

1883-06-20

3

immediately upon his return.

Very truly yours,

Sunbury

1883-06-20

Very truly yours,

June 20th.

3

Messrs. Kulp, McWilliams & Co.

Shamokin, Pa.

Dear Sirs:-

I have a letter from my superintendent Mr. W. D. Rich, who informs me that you have commenced delivering poles at Sunbury, but that the poles are so very crooked that he objects to receive them until receiving instructions from me. I immediately telegraphed you that I must have straight poles, as crooked poles are absolutely useless to us in our business. I trust that you will set this matter right, as I am seriously inconvenienced by the delay in the delivery of the poles and also by the fact of your having delivered poles that are useless, as I have men here waiting to go to Sunbury to do work for me.

Very truly yours,

1883-06-20

June 20th,

3

Spencer Gordon, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your letter of yesterday's date, and shall be glad to see Messrs. Lyon and Wilber when they come to New York. We want good canvassers and if they are capable of doing our work, we shall be very glad to give them a chance of distinguishing themselves.

Very truly yours,

1883-06-20

June 20th.

3

W. H. Douty, Esq.

Shamokin, Pa.

Dear Sir:-

I have your letter of the 19th. inst., and am very much obliged to you for talking Edison light to Mr. McIlwain, of Reading Pa., to whom I have sent a complete set of Bulletins today.

Very truly yours,

1883-06-21

Bergmann

June 21st.

3

W. D. Rich, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

I shall be glad if you will keep me posted as to the delivery of poles, there has been some complaint here that the non-delivery of the poles will delay Bergmann & Co's men in their wiring work. I wish to be particularly informed if they are delayed from any cause. Mr Hanington of Messrs. Bergmann & Co., will be at Sunbury in charge of the workmen there who do the wire work. If you leave before the wiring is done you might arrange with Mr Hanington to hold possession of the station until some of our electrical properties arrive there.

Your material for Brockton is being delivered. Had I better write to the station agent there asking him to be kind enough to take care of same until you arrive? Please let me know your wishes as to this matter.

Very truly yours,

1883-06-21

June 21st.

3

W. H. Cooke, Esq.

Metropolitan Hotel,

St. Paul, Minn.

Dear Sir:-

I telegraphed you as follows on June 19th. "Thos. P. Wilson of Wilson & Rogers is the gentleman to see at St. Paul". I shall be glad if you will write me at your early convenience stating how long it will take you to make the St. Paul canvass, and what day you expect to go on to Minneapolis. When you get to Minneapolis please keep me advised as to the progress of your work there, so that I can make my arrangements for the canvasses to be made and send you instructions in time for you to go elsewhere.

Very truly yours,

1883-06-21

June 21st.

3

F. E. Clarke, Esq. Prost.

Lawrence, Mass.

Dear Sir:-

I am in receipt of your favor of the 20th. inst, and in reply beg to state, that I will at once issue orders to get out the material for Lawrence station in accordance with order No. 1 in anticipation of the closing of the contract within a day or two. We have copies of Exhibit B and order No. 1 and those which I sent you are to be retained by you.

Yours very truly,

1883-06-21

June 21st.

Messrs. Decker & Son.

6 Murray Street, City.

Dear Sirs:-

I shall require quite a considerable number of the balances, which you supply to our Eight Companies, for weighing motor plates, and shall be glad to hear from you as to the lowest price at which you will let me have them. I am myself undertaking to erect a great number of our central station plants, and we use these balances at each station. If you will quote me personally special terms I will buy all my balances from you.

Yours very truly,

1883-06-21

June 21st.

3

George Hammiecon, Esq.

22 West 12th. Street, City.

Dear Sir:-

I enclose you herewith a letter which Mr. Edison proposes to send to Gen. Diaz. Will you please inform me whether it meets with your wishes, and return the letter with your reply. I have had the letter waiting here for some days, thinking that you might possibly call.

Very truly yours,

1883-06-22

June 22nd. 3

C. E. Chinnock, Esq.

257 Pearl Street, City.

Dear Sir:

Will you please let Mr. Edison know whether you have received the new brushes from Bergmann & Co., and when you desire to have him go down to the station to try them?

Very truly yours,

1883-06-22

June 22nd,

3

J. R. Tate, Esq.

Edison Indian Colonial Light Co.

4 Throgmorton Street,

London, E. C. England.

Dear Sir:-

I am in receipt of your favor of the 6th. inst. and in reply beg to state as follows:

ADELAIDE INSTL UTR. I turned over all the papers in this matter to Mr. Batchelor, and I presume that ere you receive this you will have heard from him on the subject.

INSTALLATION AT BRISBANE. I did not reply to yours of the 2nd. May, with reference to K dynamo, because at that time we were making very important changes in the efficiency of our machines which would very materially affect any estimate for the work you refer to. What was formerly our K dynamo and what we now call our H machine can be run with 450 sixteen candles lights on it and we sell it to our Companies here at \$1,500. Our Isolated Company sells it as a 350 light machine, preferring to have a very ample margin, so as to guard against any possible breakdown. We use this same machine in small central stations where our own

1883-06-22

3

men run it to carry 450 lights. We are making considerable changes in other machines, which will possibly enable me to sell you a 250 light machine at a considerably less price than that which you have previously paid. As I am expecting that Major Flood Page will be here in the course of a week, I think it better to go into these matters with him, and immediately he decides on exactly what is requisite for the purpose, I can doubtless arrange to ship, as I think we have everything that he would require in stock.

I will also go fully into the prices for all sizes of machines and other apparatus with Major Flood Page, so that when he returns to England he will be fully posted on all these questions.

Very truly yours,

1883-06-23

June 23rd. 3

Honors. Kulp, McWilliams & Co.

Shamokin, Pa.

Dear Sirs:-

I have your letter of the 21st. inst. and note what you say as to poles. My Workmen are now in Sunday and know more about this business than any one else that we have there, and I have not the least doubt but what you will be able to give them poles entirely to their satisfaction.

Very truly yours,

1883-06-23

June 23rd. 3

J. C. Hall, Esq.

70 Pine Street,

Williamsport, Pa.

Dear Sir:-

I have your letter of the 21st. and have also received the canvass books and map of the second district of Williamsport. I desired them in order to see which part of the city it would pay the best to light first. Mr Shaw will fully explain this matter to you when he returns home.

Very truly yours,

June 23rd.

3

W. J. Jenks, Esq. Manager,
Brockton, Mass.

Dear Sir:-

Your letter of the 18th. to Mr. Garrison has been forwarded to me for reply. The estimates sent you for wiring in the houses, included all cut-outs, safety catches and other requisites, except switches and fixtures. The former are put in according to the taste of the consumer. It is quite possible that Dr. Borden may want to have a great number of switches in his houses, so as to control the light from many different points, it is just as possible that he may only desire to turn off each light separately at the chandelier itself, which of course can be done by means of the key socket. As to the fixtures, Bergmann's catalogue, which we have sent you, will supply you with full information in relation to these.

With relation to the pole lines to be erected at Brockton I send you herewith a map which will show you the streets where the pole lines were intended to be run. If we have got to run between the houses, we should start our overhead wires with 50 feet of the points marked on the map, as showing where our pole lines would start from if the wires were run along the streets.

1883-06-11-

2

We are in the habit of setting our poles 80 feet apart, but of course if permits cannot be obtained for this distance, you must try to do the best you can and then we will see what we can do.

Very truly yours,

1883-06-23

June 23rd.

3

W. J. Garrison, Esq.

P. O. Box 3527,

Boston, Mass.

Dear Sir:-

I have yer letter of the 21st. inst. The estimates which we sent to Mr. Jenks included all safety catches and cut-outs, the only part which it did not include was the fixtures and switches and the ^{latter switches} ~~latter~~ are always looked upon as part of the ^{fixtures} ~~latter~~. In our District down town there are many people who do not use a switch at all, except the key of the lamp socket. It is purely a matter of taste as to whether a man wishes to run all the lights in his house off at once, or certain floors off from one switch, or whether he likes each light controlled by itself. All such questions like this should be arranged by Mr. Jenks, and he should specify exactly what switches he requires. I have sent him a catalogue of Bergmann & Co's, it will enable him to do so. I have also to-day written him fully as to the poles, the fact of his not having received exact information as to those was an oversight.

Very truly yours,

1883-06-23

June 23rd.

8

W. L. Garrison, Esq.

P. O. Box 3627,

Boston, Mass.

Dear Sir:-

I have looked over your various letters to Mr. Insull and his replies thereto, and also Mr. Jenks to you of the 18th. June, which I return herewith. I do not think that we require any engineer until our station is quite completed, and then I would prefer that you would leave the choice of all the men to me entirely, as we shall want, besides the engineer, a fireman whose wages should not be above \$1.75 a day; in addition to these we require a motor boy, and the electrical part of the work and keeping of the books should be done by another man. Our work at Brockton is approaching completion, and my superintendent will be at Brockton next week to get matters in shape. The only delay, if any, will be with the tubes, but these we are hurrying forward as quickly as possible, and I do not think it will materially affect the date of the starting of the station, which I trust will take place in from 30 to 40 days.

Very truly yours,

1883-06-23

June 23rd.

3

Frank Armington, Esq.

Providence, R. I.

My Dear Frank:-

Your letter explaining the cause of your not meeting me to go to dinner when you were here, came to hand while I was sick, and like the rest of my correspondence suffered accordingly. Seeing a letter in your handwriting from the "Armington & Sims Co.", reminds me that I had not replied to yours. At the moment I was desperately voracious and had "blood in my eyes" for several days "shooting irons all out" and had practiced so diligently that I was absolutely a dead shot. However, I was too sick to get down to Providence and later on too busy, owing to the accumulation of work. But my blood thirsty resolves have all disappeared. All I can say is you kept me out of dinner four hours, upset my digestion and ruffled a naturally excitable temperament. The only surprise is that you did not have ^{travellers before} ~~a~~ ~~travellers~~ judge and jury for such an atrocity. Next time you undertake to dine with a fellow, if you cannot manage to keep the appointment, let him know, so his stomach will not be the sufferer.

Very truly yours,

1883-06-23

June 23rd.

3

P. D. Dyer, Esq.

Arcade Hotel,

Erie, Pa.

Dear Sir:-

I am delighted to hear of the progress you are making at Erie and trust that you will soon finish there and go on to Renovo. Please let me know when you get to Renovo, how long the canvass will take, and then I will give you directions as to where to go to after that. My impression is that you will be kept in Pennsylvania for a month or six weeks to come, but it is impossible to decide until sometime next week.

Very truly yours,

1883-06-23

June 23rd.

3

H. A. Clarke, Esq.

1000 Building,

Baltimore, Md.

Dear Sir:-

We have had a big fight with the Maxim Company with relation to lighting Public Buildings in the U. S. Secretary Folger appointed Mr. Swaney, whose business relates to public Buildings, to investigate ours and other incandescent lights, and Mr. Swaney made a very one sided report in favor of the Maxim Company. He did not investigate our light at all, he merely came here and talked so very favorably of everything he saw here, that I was impressed with the fact that he would make a report in favor of the Maxim Company, as he was entirely too offusive. We have had Mr. Hastings and Mr. Paine of Boston go to visit Secretary Folger in Washington. The day before yesterday Mr. Paine had an interview with Secy. Folger and showed him how one sided the report was. Now about your friend whom I saw in Theiss' Billiard saloon one night? Cannot you assist him by influencing him in our behalf?

Very truly yours,

1883-06-23

June 23rd. 3

H. S. Gardner, Esq.

New Berno, Craven Co.

N. C.

Dear Sir:-

I am in receipt of your favor of the 20th. inst, and in reply beg to state that I do not desire to negotiate for the purchase of any power which is assumed to be ~~an~~ almost perpetual motion, as I do not think it practicable.

Very truly yours,

1883-06-23

June 23rd. 3

Messrs. Borgmann & Co.

City.

Dear Sirs:-

Replying to your letter of the 18th. inst., will you please let me know what Mr. Poulson requires the motor for. I think we could manage to furnish a ¹/₄ horse power motor to go on the mains down town, but if he required a higher power, I am afraid he will have to wait for the present.

Very truly yours,

1883-06-23

June 23rd,

3

Receives, Bergmann & Co.

City.

Dear Sirs:-

The fight Co. think it would be much better if you your
cards and note heading you styled yourself "licensed Manufacturers
for fixtures &c." rather than "sole Manufacturers for fixtures &c."

Very truly yours,

June 23rd.

3

George M. Bliss, Esq.

51 Wabash Ave,

Chicago, Ills.

Dear Sir:-

Will you please ascertain the exact truth concerning the removing of Maxim lamps in Chicago every morning and the replacing of them with new ones.

I have instructed my canvasser, who is now working in St. Paul and Minneapolis, when he gets through to go first to Davenport, then to Appleton and then to Milwaukee. All these canvasses should be finished inside of a month. The cost of canvassing and determining the conductors at Menlo Park is charged to the local people through our estimate if the scheme goes through, but if the company is ^{not} formed, the actual cost will be charged to your Company. Exactly what it would be I cannot say at the moment as we are making considerable changes at Menlo Park, in order to cheapen and expedite the work. I should imagine, however, that in a place like Davenport the completed canvass would ^{thus & then} cost, about \$200.

Will you please have diligent inquiries made all through your territory as to the number of Maxim plants, both arc and

1883-06-23

2

incandescent, how the owners of them like them, also what plants have been thrown out and the cause of same? I desire to get this information, as we are compiling a history giving every detail with relation to the lights of our opponents.

Very truly yours,

1883-06-23

June 23rd.

3

Spencer Borden, Esq.

P. O. Box 3311

Boston, Mass.

Dear Sir:-

Referring to your letter to Mr. Edison of the 30th, as to estimates, I will do the best I can to hurry forward Fall River, Portland and Haverhill. Our conference of Monday morning already begins to show good results at Menlo Park. They have adopted new methods of determining the conductors which will very materially expedite matters, and I think as soon as we get rid of the towns we have in hand, we shall be able to keep right up with the new ones. Wilber, whom I sent to Hartford should get through there some time during the week, so as to be able to start on Pittsfield about Monday week. It is my intention to keep Wilber entirely in Eastern territory, sometimes in the territory governed by you and at other times in the territory governed by Harris & Robinson. I think I can see my way clear to get out estimates as quickly as they are required. As soon as we overcome the present "block", I do not think you will have occasion to complain on this account much longer.

Very truly yours,

1883-06-23

June 23rd. 3

J. E. Richter, Esq.

Brisbane Water, near Gosport,

Sydney, Australia.

Dear Sir:-

I am in receipt of your letter dated April, 1883, and in reply beg to state that the method you speak of of cutting timber by means of a heated wire has been tried in South America and proved a failure. I do not think it feasible to cut timber by means of the electric arc, in fact at present I hardly see how electricity can be applied to this branch of industry at all. If, however, you have any further suggestions I shall be only too happy to let you have my opinion on them.

Your description of "Scotty's Experiences" with the Phonograph" is very amusing, and I have sent it to one of our New York electrical papers, and if they do not publish an account of it, I will send it to some other paper. When it comes out I will send you copies of the paper.

Very truly yours,

1883-06-23

June 23rd.

3

Spencer Broden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your letter of the 21st. inst. and note what you say with reference to Pittsfield. I engaged Mr. Wilber, one of your old canvassers, and he starts in canvassing Hartford Monday morning, after that he is instructed to go to Pittsfield and after that he will proceed to North Adams, where some connections of ours want to form a company. I think it would be rather a waste of time for a canvasser to go to Springfield before going to Pittsfield, and I do not know that it is at all material that he should be introduced to the local people. His business is to do the canvass according to our instructions from here, and I do not want him bothered at all by dividends from local people, who have no idea of what is required. Another thing, I fancy that if our canvassers are introduced to the local people in each case, they will be inclined to get a very great idea of themselves, lose their heads, and probably our canvassers will suffer in consequence. I note what you say in reference to Mr. Rich going to Norwich.

1883-06-23

2

He will be in Brockton a good deal during the next few weeks, and can easily visit the various points where you likely to form a company. Your other canvasser, Mr. Lyons, after accepting the position from me came back next morning and said he had reconsidered the matter and did not think the job would suit him. I am not at all sorry, because I do not think he is by any means as good a canvasser as Wilber.

Very truly yours,

1883-06-23

June 23rd.

3

Spencer Borden, Esq.

P.O. Box 3311,

Boston, Mass.

Dear Sir:-

Referring to the letter of Mr Walter D. Shaw, which I return herewith, don't you think your man who has charge of such work as the putting right of automatic regulators should go to Grand Lake Stream and look at the regulator and report very fully on the trouble in connection with it? If we do not get such reports with reference to regulators in actual use, I do not see how it is possible for us ever to get them to perfection. Whenever they are wrong we want to know exactly the cause of it, so as to remedy the trouble, and as the one at Grand Lake Stream seems to have given a great deal of trouble, I think it would be as well to have the matter looked into.

Very truly yours,

1883-06-23

Phonograph

June 23rd.

8

George Werthington, Esq.

23 Park Row, City.

My Dear Mr. Werthington:-

I enclose you herewith letter which comes from J. E. Richter, Brisbane Water, near Gosport, Sydney, Australia. It is by far the most amusing thing I have ever heard of the Phonograph. In writing to us Mr. Richter asked us to get the letter published in the Scientific American. I prefer however, to send it to you, thinking you might like to put it in one of your coming issues. If not, please return it.

Sincerely yours,

1883-06-25

Exhibitions

June 25th.

8

Charles Batchelor, Esq.

33 Ave de l'Opera,

Paris, France.

Dear Sir:-

The representative of the International Exposition at
Nico, 1884, has called on me relative to my making an exhibition
at the Exposition. I have referred him to you.

Very truly yours,

1883-06-25

June 25th.

3

Charles Batchelor, Esq.
Paris, France.

Dear Sir:-

Replying to yours of the 12th, inst, in reference to
testing lamps, we do the same, but get economy at the same time.
Sometimes we put lamps back after burning for a while to get the
fall in candle power. Doug Upton send you curves? We are making
better curves than ever before. I have received copies of the
Electrotechniser Veroin and am much obliged for same.

Very truly yours,

1883-06-25

June 25th.

3

John Hoskin, Esq.

16 Foster Building,

Phila. Pa.

Dear Sir:-

Replying to yours of the 23rd., I beg to state that 10
A lamps in a cluster will do much better than any are if rightly
arranged. We can give you but strongly advise an incandescent
cluster in special opal reflectors. Fog and heavy atmosphere
obliterate the white light and only the red and yellow rays get
through.

Very truly yours,

1883-06-25

June 25th.

3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Replying to yours of the 20th. inst. with reference to canvassing various towns, why not go into a town and get parties together and ask them if they will put up the money if you make a canvass and tender and present the same and can prove it to be a good investment? If they agree to this, then send on here and we will make the canvass. When I spoke about agents going into your territory, I of course thought you would get your 5 per cent, and not have to pay anything out, but merely do all you could to help the agents. We have no agent that gets over 20 per cent, and 50 per cent of all the agents get but 10 per cent. Fall River is being determined and Portland and Haverhill are being mapped.

Very truly yours,

1883-06-26

June 20th, 1883

G. W. Wilbur, Esq.

care Harris & Robinson,

Room 5 Trust Co's Building,

Hartford, Conn.

Dear Sir:-

I shall be glad to receive from you at your earliest convenience some idea of the size of the district that you are to canvass at Hartford. I have to-day written to Messrs. Harris & Robinson asking them if they can assist me to get a map drawn to scale of Hartford.

Very truly yours,

1883-06-26

June 20th. 3

Messrs. Waterhouse, Winterbotham & Harrison,

No. 1 New Court, Carey Street,

Lincoln's Inn, W. C.

London, England.

"Dear Sirs:-

Edison Electric Light Co. I beg to return you herewith draft of the proposed license from the above Company, for the use of the Company's patents for locomotion. The form of license is all right, with the exception of two different places, where one word requires altering, and of these I have made notes on the margin.

Yours very truly,

1883-06-26

June 26th,

3

James E. Browne, Esq.

Room 17,

62 Broadway, City.

Dear Sir:-

Referring to your favor of the 25th, I shall be glad to see you here at any time you may choose to call. I can usually be found in my office between eleven and six and after eight o'clock in the evening.

Yours very truly,

1883-06-26

June 20th.

Paul D. Byer, Esq.

Arcade Hotel,

Erie, Pa.

Dear Sir:-

Your letter of the 22nd. came to hand yesterday and I am much obliged for the information contained therein. Please hurry forward the canvass and send it to us with the map you refer to as soon as possible. In your canvass of Utica you do not tell us the location of the private residences there, you simply state that there are a certain number on a given block. We ought to have some more information on this point if it is possible to supply us.

Very truly yours,

1883-06-26

June 26th, 1883

W. R. Upton, Esq.

Harrison, N. J.

My Dear Mr. Upton:-

I have your letter of the 25th. inst. I am delighted that your business should be in such condition as to allow of your taking a vacation, in fact I really envy you, it certainly shows that the Lamp Company's finances must be in a very flourishing condition, and the cause for the anxiety which you experienced some weeks back as to shortness of money and the necessity for shutting down the factory must have passed away.

Very truly yours,

Very truly yours,

1883-06-26

June 26th.

3

C. H. Cooke, Esq.

Metropolitan Hotel,

St. Paul, Minn.

Dear Sir:-

I have your letter of the 21st., and you will have received letters from me ere this informing you what places to canvass. Am I to understand that in all cases you will see that we get the necessary map? Mr. Dodge tells me that he has a great deal of trouble to get a correct map of the various towns canvassed, and as I propose seeing that these maps are obtained, I want to know from you whether in all the towns you go into you will see that I get what is necessary?

Very truly yours,

1883-06-23

Wis. and Milwaukee, Wis., and to canvass these three towns in the order in which they named. When I get more information in relation to them I will write you further. June 23rd.

Very truly yours,

G. H. Cooke, Esq.

Metropolitan Hotel,

St. Paul, Minn.

Dear Sir:-

I have the pleasure of acknowledging the receipt of your letter of the 19th. inst. to Mr. Edison. In reply Mr. Edison desires me to state that he thinks you had better take in a larger district than that you have indicated on the map you have sent him. He not only wants the best portion of the city, but wants to get an idea of the dividend earning capacity of the poorer portion. You must use your judgment as to how much more you should take in. Mr. Edison said you might find it necessary to take in double the district you have named, but he thinks you can judge better than we can for you are on the ground. After you get through St. Paul and Minneapolis, we desire you to go to Davenport, Iowa, Appleton, Wis. and Milwaukee, Wis., and to canvass these three towns in the order in which they named. When I get more information in relation to them I will write you further.

Very truly yours,

1883-06-26

June 20th.

3

G. W. Wilber Esq.

Brower House,

Hartford, Conn.

Dear Sir:-

I have your favor of yesterday's date. I had already written you this morning, and addressed my letter to Messrs. Harris & Robinson's office. With reference to your various inquiries, I beg to answer as follows: When you find a store closed in a town, you simply mark it down as closed. In some places you canvass, you may find that on certain nights of the week the stores close very early by arrangement. In such cases you will have to make a rapid canvass on the evenings when the majority of the stores are closed, in order to give us an idea how little lighting there will be on such nights, and go over the same ground on the next night, when the ordinary number of lights are burning. We think it will be necessary to be in each town on Saturday night, and to make an extra addition to your general canvass, stating what extra lights are burned on Saturday night, and what lights burned on other nights are not burned on Saturday nights. To more clearly express myself, I would remind you that in many towns there are a certain

1883-06-26

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class of stores which remain open very late on Saturday, while there are also another class of stores which close very early on Saturday night. I imagine that most canvassers will take you about a week. If they do not, rather than stay in a town half a week, you could go on to the next place on your list, and return again to the original place to take in the Saturday night canvass. A matter like this I will leave to your judgment. It is simply a question of expense. With relation to maps, I want you in all cases to do your best to get local maps drawn correctly and to a scale of about 100 feet to the inch. Of course if it is impossible to obtain such a map, why we must take the best we can get, and then correct by means of the insurance maps or other methods. However, we find as a rule that insurance maps are by no means correct. If you cannot get a map from the local booksellers, I think that you can probably get one from the office of the city authorities. Experience, however, will teach you the best way to get what we require in this connection. These remarks apply alike to Pittsfield and North Adams, as well as to Hartford and any other town you may visit.

Very truly yours,

1883-06-26
Edison Indian & Colonial

June 20th.

3

Messrs. Waterhouse, Winterbotham & Co.

No. 1 New Court, Carey Street,

Lincoln's Inn, London, W. C.

England.

Dear Sirs:-

Edison Indian & Colonial Light Co. I beg to advise you
that I have this day written to Mr. Thomas Porran a letter as to my
2,500 A shares in the above Company. I enclose you herewith copy
of my letter to Mr. Porran.

Yours very truly,

1883-06-26

June 26th.

Messrs. Waterhouse, Wintthrop & Harrison,

1 New Court, Carey Street,

Lincoln's Inn, W. C.

London, England.

Dear Sirs:-

I duly received your favor of the 26th. May and would
reply as follows:

Edison Electric Light Co. I return you by same post,
under separate registered cover, the twelve proxies signed by me.
I have signed them in blank, leaving you to fill in the name of
the gentleman who should hold my proxy, namely, Mr John Douglas,
of Messrs. J. S. Morgan & Co., 22 Old Broad Street, London, E. C.

Edison Indian Colonial Co. I also return you in same
package the forms of proxies for this Company, and have left those
blank so that you can fill in the name of Mr Porman. In dealing
with these proxies, please consult with Harbord H. Johnson, if
he is still in London, and advise me of the result.

Will you please inform me what arrangements will be made
so that Messrs. Douglas and Porman will vote in accordance with my

1883-06-26

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desire, in case the proxies stand in their name.

Yours very truly,

1883-06-27

Battery, St.

June 27th.

3

Messrs. Borgmann & Co.

City.

Dear Sirs:-

In reply to your letter of the 23rd, I beg to state that I think we can in all probability make arrangements to sell some motors of the size you now have at say \$75. The current will cost for the motors about 4 cents per hour, provided the machine is not overloaded. I would like to have the price from you on twelve. But before anything is definitely done, as to the selling of them, I think Mr. Chincock, your Mr. Borgmann and myself should meet and fully discuss the matter.

With relation to Mr. Poulson's inquiry for a motor for a bicycle, I do not see how we can do anything for him, as he would not only have to carry the motor, but also quite a considerable weight in the shape of storage batteries, and how he would be able to get those batteries charged I can hardly see.

Very truly yours,

1883-06-27

June 27th.

3

J. C. Reiff, Esq.

care Woerisheffer & Co.

Exchange Place, City.

My Dear Reiff:-

I received your letter of yesterday's date. I very seldom get down town now, and if it would be equally convenient for you, I would much prefer that you would call here some evening. I shall be here this evening and also Thursday and Friday evening. Johnson expects to leave London sometime towards the end of July, exactly when I do not know, it is quite an age since I have heard from him.

Yours very truly,

1883-06-27

June 27th.

3

Edward H. Johnson, Esq.

74 Coleman Street,

London, E. C. England.

My Dear Johnson:-

Enclosed please find letter from the Elektrisk
Bureau of Christiania. I send it to you to reply to, as I do not
know whether you have done anything with relation to the electric
light for Norway, as you have not written us about this subject
at all, although we have sent you cables and letters with relation
to Norway and Sweden.

Yours very truly,

1883-06-27

June 27th.

3

Messrs. J. Wiley's Sons,
15 Astor Place, C. ty.

Dear Sirs:-

Referring to yours of the 23rd, please send the London
"Engineering" to me at the above address. If you will render me
an account for the past two years, I will send you a check.

Very truly yours,

1883-06-27

June 27th.

Alfred Swanson, Esq.

Monlo Park, N. J.

Dear Sir:-

I am informed that you still have the keys of the boiler and engine room at Monlo Park. I must request that you immediately deliver these over to Mr. Van Cleave, who has charge of the Laboratory and other buildings.

Yours truly,

1883-06-27

June 27th.

A. B. Chandler, Esq.

44 East 14th. Street, City.

My Dear Chandler:-

Will you please loan me two of your lamps with single carbons? I wish to try some experiments here on our incandescent circuit, and will undertake to return the lamps in as good order as when sent to me, if you can so far oblige me as to loan me them.

Yours very truly,

1883-06-27

June 27th.

3

E. H. Ford, Esq. Treas.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

I am in receipt of your favor of yesterday's date,
covering duly executed copy of contract between your Company and
myself, with relation to erection of central station plant at
Lawrence. I have also your check for \$5,301.50, being 25 per
cent of the amount of order No. 1. I had already received from
Mr. Clarke instructions to go ahead, and had accordingly ordered
most of my material for use at Lawrence.

Yours very truly,

1883-06-27

June 27th.

3

Major Flood Page,

Windsor Hotel, Fifth Avenue,
City.

Dear Sir:-

Your telegram, dated Syracuse, to Mr. Edison, has just come to hand, and as requested therein, I have the pleasure to enclose you herewith all the letters that have been sent hereto for you.

Mr. Edison will be in his office to-morrow from about 11 till 1 and after 8 P.M., and will be glad to see you at any time you could make it convenient to call.

Yours very truly,

1883-06-28

June 28th.

3

Messrs. Bergmann & Co.

City.

Dear Sirs:-

Mr. Edison says it is essential that he should have samples of all the switches and indicators used in the central station business. Will you please therefore see that the articles named are sent here at your early convenience.

Yours truly,

1883-06-28

June 28th.

3

J. Howard Mitchell, Esq.

14 North 5th. Street,

Phila. Pa.

Dear Sir:-

Referring to your favor of the 23rd, addressed to the Edison Electric Light Company, I beg to state that I have not put a price on the apparatus you refer to as yet, but am willing to enter into a contract to run through 50 to 1000 tons of sand daily, or lease machines on a royalty of 50 cents per ton of sand work. Sea sand, containing 20 per cent of magnetite, is separated by one machine at the rate of 75 tons in ten hours. Magnetite containing one per cent of other material runs at the same rate.

1883-06-28

June 28th.

8

G. W. Wilbur, Esq.

Brower House,

Hartford, Conn.

Dear Sir:-

I shall be glad if you will keep me posted as to the number of rooms, and whether they are large or small in the streets of the various towns you may enter to canvass a district, as we have found it impossible to run our overhead lines in several places, owing to the obstructions caused by them. It is very important that we should be kept posted on this point.

Very truly yours,

1883-06-28

June 28th.

3

G. C. Sims, Esq.

Providence, R. I.

My Dear Simp:-

Your letter of the 27th came to hand this morning. I shall be very glad to see you on Sunday morning. Why not come straight up to my diggings and go to breakfast with me. As I presume you will come in by the boat from Providence, you will get in just about my breakfast time. I live at the "Albert", corner University Place and 11th. Please let me know by return whether you will. I'll meet you here, at 65 Fifth Avenue, on Mill about 2 or 3 o'clock. Edison.

1883-06-28

June 28th.

Spencer Horden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your letter of the 25th. June. We understand that Mr. Bancroft told parties in North Adams that we could put in 5000 ton candle lamp ^{Plans in} for \$30,000. Such a statement is entirely misleading, as it would cost in all probability double that amount, and even more than that to put in such a plant. I think your canvasser should be warned against making any rash statements as to cost of plant. If they do not know, and will either apply to you or myself for information, they can certainly get it. It will afford me pleasure at all times to give any explanation, that you or they may indicate as desirable. I wish you would communicate with Mr. Bancroft with relation to this matter.

I have also received your letter of the 26th, and notice your remarks therein. You have entirely misunderstood my letter of the 25th. If you will read it over again, you will see that I propose that nothing will be asked of the local people, except to agree to put money into the scheme, if on presentation of a tender

P. O. Box 8811

London, England

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1883-06-28

to do the work, it can be shown that it will be a profitable venture. The broad idea is to have a canvass made and tender drawn up in every case, so that if it is profitable, the local parties will go in, and until they have seen the tender, and carefully looked into the matter, I have no idea of asking them to put up money.

Very truly yours,

1883-06-28

Ore Milling

June 28th.

3

Edward P. White & Co.

P. O. Box 4001,

City.

Dear Sirs:-

Referring to your postal of the 23th, addressed to the Edison Electric Light Co., I beg to state that the reason you did not hear from us earlier is that I did not have the data on which to quote you a price on magnetic sand. We have none on hand at the moment, but will enter into a contract to supply 100 or more tons daily in New York at \$7.55 per ton. It would be separated and within one per cent.

Yours Truly,

1883-06-28

Ephraim

June 28th.

8

George H. Bliss, Esq. Gen'l. Supt.

51 Wabash Ave,

Chicago, Ills.

Dear Sir:-

I have your letter of the 26th, with reference to
Maxim plants. Cannot you get an affidavit to the effect that the
Maxim Company on Saturday morning, the last day of the Exposition,
put an entirely new set of lamps in their 32 light electrolier,
and that during that day 27 lamps gave out and were replaced.

You must not be so pious about getting at the truth,
regarding the statements of a swindling and unscrupulous company.
We want every scrap of information about them. It must be simply
the naked truth, as we only propose to make statements that we
can stand by. We want you men to be sufficiently alert and sharp
to get at this.

Very truly yours,

1883-06-28

Menlo Park - Genl.

June 28th.

3

Prof. George F. Barker,

3000 Locust Street,

Phila. Pa.

My Dear Barker:-

I have your letter of the 26th, and in reply beg
to state, that I have made no firm promise to loan my instruments
to anyone, except Columbia College.

Yours very truly,

June 28th.

3

O. P. Hanington, Esq.

City Hotel,

Sunbury, Pa.

Dear Sirs:-

It is very important that the work at Sunbury should be completed before the 1st. July. At the moment we are entirely in the dark as to what progress you are making, also as what you are doing at Shamokin. I think a letter, either to Mr Edison or myself, now and then would prove of great advantage. I think in each town you go into you ought to weigh the wire, and give me an accurate memorandum of the amount you receive of different sizes, and also the amount you have on hand when you have finished the creation of the same. This should be returned to 292 Ave. B, addressed to T. A. Edison. A memorandum at the same time, to be sent to Bergmann & Co., that the wire belongs to us, and should be held by them for our account.

Very truly yours,

1883-06-28

Steam Engines

June 28th.

8

C. E. Chinnoek, Esq.

257 Pearl Street, City,

My Dear Chinnoek:-

This will introduce to you my friend, Mr. Fredrick J. Spaulding, who is very much interested in steam engineering. I want you to show him through the central station, and any attention you may show him will be appreciated by, you

Yours very sincerely,

1883-06-29
Central Station—
St. Louis

June 20th.

3

W. F. Brewster, Esq.

Southern Hotel,

St. Louis, Mo.

Dear Sir:-

I have the pleasure to enclose you herewith estimate for the erection of a central station plant at St. Louis amounting to \$115,025. This estimate includes everything in the central station, and also the street installation, with the exception of the connection between the mains and the consumers residences. We have allowed for putting in a small piece of service pipe and a service box opposite the residence of each consumer, in order to lessen the cost of connection between the main and the consumer, when this work is ordered. It will cost from \$4. to \$30 to connect consumers with the mains, according to the number of lights each may use, and the distance the house is from the curb stone. I also enclose you herewith a blue print of the central station, and of the system of street conductors, which will enable you to give the necessary explanations to the promoters of the St. Louis Company. We could not use the mains as indicated on the map,

1883-06-29

to light one block. But we could arrange to light a block very cheaply with wire, which could be taken down when the mains are put in. We could also delay putting in, until required, some of the engines, dynamos and other appliances, but if the work is ordered in this manner, the total cost of the estimate will have to be raised, as it would considerably increase our expenses to have to send our men to St. Louis twice and to purchase our material piecemeal. The estimate allows for a total compliment of lights of 5,400 sixteen candle-lamps ^{or} and 9,000 ten candle lamps.

If Iacodo gas (coal gas) is used in the district indicated on the map, with a five foot burner, a ten candle lamp will take the place of each gas jet. If a seven foot gas burner is used, a sixteen candle lamp will be requisite. It is essential in connecting a consumer, to give him lamps of such candle power as will equal that of his gas, otherwise his bills, when rendered, will be higher than those for gas. If Coal gas is used universally in the district, you will in all probability be able to use ten candle lamps there altogether.

St. Louis is by far the cheapest City for lighting that has come under my notice up to the present time. If the plant is put in in accordance with the enclosed estimate, the St. Louis will

the estimated capacity of the station will be equal to that of our central station in Pearl Street, with the exception that the conductors in our Pearl Street system are for 14,000 lights, and those for St. Louis for 5,400 of sixteen candles. The Pearl Street installation cost, including experimenting, in connection with the station, about \$475,000. From ~~which~~ ^{this} you will see how very much more favorable is the district in St. Louis for lighting purposes.

I also enclose you form of contract, that I will require the St. Louis people to enter into with myself. The terms of payment, in the event of their giving me a contract, will be 25 per cent on the signing of the contract, 50 per cent when the installation is ready to supply light and 25 per cent when the installation has been ready to supply light 30 days.

I would add that the estimate covers all expert and professional services necessary to teach the permanent employees of the St. Louis Company how to run the station, and that my men will stay in St. Louis one month after the station is started, and take full control of the running during that period, the local company supplying the necessary engineering and other labor, also the supplies for use in connection with the running of the station which are not specified in the estimate.

Very truly yours,

1883-06-30

June 30th.

A. P. Lowroy, Esq.

3 Broad Street, City.

My Dear Mr Lowroy:-

I noticed in Fourteenth Street the other day a store in which a great show is being made of Mr Edison's name, in connection with that system of music, about which we talked sometime ago. Mr Edison feels quite strongly about it, and thinks we ought to take some legal measures ^{by} ~~at~~ stopping the concern referred to from making use of the name "Edison". Do you think a formal letter written by yourself or Kent & Auersbach would have any effect? If not, why not move for an injunction, if only to draw peoples attention to the fact that Mr Edison is in no way connected with the business in question.

Yours very truly,

1883-CG-30

June 30th.

3

W. J. Jenks, Esq. Manager,
Brockton, Mass.

Dear Sir:-

Referring to your favor of the 20th, I should be glad to have a plan of the location obtained for pole lines at your earliest convenience. With reference to employees for the station, I do not think it would do to engage people ahead of the time that we want them. I have always got a curiosity to gaze upon the physiognomy if possible of the men who are going to be engaged in our work.

Very truly yours,

1883-06-30

June 30th

W. P. Brewster, Esq.

Southern Hotel,

St. Louis, Mo.

Dear Sir:-

Referring to your letter of the 25th. inst., which I promised, ^{Mr. Edison} I would answer in a personal manner. You seem to fancy that estimates can be got out at the rate of so many per hour. We have had three men working on the estimate for St. Louis for two weeks, and towards the end had to work both night and day. Simply because you do not get the thing, you must not fancy that it is not receiving attention, and you must allow for the time it takes ~~after~~ ^{after} when any ass is made for the electrical determination got out, then prepare the details of the estimate, which involves an endless amount of work. As a matter of fact we have put everything aside in order to get your St. Louis estimate forward, and it went by last night's mail. In the letter accompanying it you will find some reference made to ten candle lamps. I do not know whether you understand that a ten candle lamp looks exactly like a sixteen candle lamp, an ordinary observer cannot tell the difference. The only difference is in the general illumination.

A. A. Lange, und.

1883-06-30

Very truly yours,

1883-06-30

1883-06-30

June 30th. 3

C. H. Cooke, Esq.

Nichollette Hotel,
Minneapolis Minn.

Dear Sir:-

I have your favor of the 28th. Mr Edison thinks that if you were to go over the ground in the daytime and put down the numbers of the houses and the business the consumer is engaged in, you would be able to work quicker in the evening. My impression is that this is the method you proceed on, but as Mr Edison has requested me to do so, I write you on the subject in order to make sure.

Very truly yours,

1883-06-30

June 30th.

3

Paul D. Dyer, Esq.

Renovo Hotel,

Renovo, Pa.

Dear Sir:-

Enclosed please find letter which was sent to Eric and returned. I also enclose you check for \$30. on account of your expenses.

The Eric canvass has come to hand, and Mr. Edisann is looking into it. He seems very much pleased with it, and has struck no "bugs" so far.

Very truly yours,

1883-07-02

July 2nd.

Messrs. Armington & Sims Co.
Providence, R. I.

Dear Sir:-

Referring to our conversation as to the engines I shall require for my central station work, I beg to state that the terms upon which I will be prepared to pay for them are as follows:

Twenty five per cent of the cost of the engines with order; fifty per cent, thirty days from the date of shipment, and the balance, twenty five per cent, thirty days after. These terms have been accepted by Babcock & Wilcox, who supply me with boilers, and by other people with whom I deal for the remainder of my supplies. You will see that it gives you full payment within thirty days of the date of the engines leaving your shop. My reason for wanting to make terms as above, is that in my contract for this kind of work I receive twenty five per cent cash on the signing of the contract and fifty per cent when the station is finished and twenty five per cent thirty days afterwards.

Very truly yours,

1883-07-02

July 2nd.

3

Societe Electrique Edison,

Paris, France.

Dear Sirs:-

I have your letter of the 6th. June with enclosures from the Italian Company, dated the 18th. May and 2nd. June, and would beg to reply as follows:

AUTOMATIC REGULATORS. We have sent you forward now bills for one Z and one K automatic regulator, and shall hope to hear that you have sold the remaining regulator shortly.

With reference to the remarks of the Italian Company with relation to ^{No. 4} ~~the~~ tubing, and would state that the price of tubing varies with the price of copper and piping in the market here, hence the reason for charging 70 cents per foot for No. 4 tubing in one case and 60 cents per foot in another.

With relation to the cost of 100 candle lamps, the Italian Company seem to imagine that the cost of lamps should be in proportion to their candle power, whereas we charge for lamps according to the difficulty we have in manufacturing them. In the case of the 100 candle lamps, their manufacture has proved very expensive to us. The price charged hardly covers our outlay

1883-07-02

in connection therewith. As we get further along and have a greater number to make, we shall doubtless be able to turn them out cheaper, but at present we cannot possibly supply them for a less figure.

As to regulators, the four dynamo require four regulators, and the other two sent were for spare, as I consider it essential to have sufficient regulators on hand to meet any possible emergency.

Concerning the feeder regulators, as there are four feeders the four feeder regulators will be required, and spare feeder regulators are also necessary, and furthermore, if it is proposed to lower and raise the light at the "Jascals", as is usually done in theatres, it will be essential that there should be resistance introduced in the same form as the feeder regulators in order to achieve this object. I fail to see why the Italian Company should refuse to pay for regulators ordered, simply on the ground that they propose to run the same as we did at the Pearl Street Station on starting. *Feeder Regulators* have got to be used when the full complement of lights calculated for is installed, and the mere fact of the Italian Company deciding to dispense with them when the station is first started, is no argument by which

1888-07-02

3

I should be kept waiting for my payment for them. The order given me by Prof. Colombo, through your Mr. Bailey, gave me such latitude as to enable me to send to Milan what I thought necessary for the station. This I have done in good faith, and I fail to see that the obligations of the Italian Company under this order has at all been fulfilled.

With reference to the dynamo machines, they were ordered from me without any restrictions being placed on the order at all. One of the dynamos was sent to Antwerp or Hamburg, and was not sold by me direct to the Italian Company. The only reason that the Armington & Sins engine was substituted for that of the Porter-Allen here in New York, was that we found that the Armington & Sins are superior to those of the Porter-Allen, and I must again reiterate my assertion that it is very unfair to myself to make me responsible for any change that is made, owing to the fact that in my efforts to obtain the most perfect machinery, I get an engine which is superior to that formerly in use. If such a claim is to be made, your Companies would have the right to demand that I should take back every dynamo that I supply you, now I am turning out machines, for about the same investment, of double the capacity of those formerly built.

1883-07-02

4

I would draw your attention to the fact that the order for the Milan Company was confirmed by Mr. Bailey, representing the Compagnie Continentale Edison, and I must ask for an immediate settlement of my account by them, if the Italian Company still refuse to make payment to me. I do not think that the treatment of me, in connection with this order, has been at all what it should be. I simply acted as the agent of the Compagnie Continentale Edison in superintending the purchase and shipment of the various regulators ordered by them, and as a result, at the present time, I am in the position of having paid out some \$8,000 more than I have received for such shipments, notwithstanding the fact that I took charge of the orders at the request of Mr. Bailey and Prof. Colombo, in order to be sure that the Italian Company should receive whatever I considered essential for the success of their Station.

For the future I must request that all orders for any of your subsidiary companies be paid for in the same way that your own orders are paid for, in order to avoid so much trouble as this Milan business has caused me.

It affords me very great pleasure at all times to be of whatever assistance to you and your companies, but in doing so it

1883-01-05

1883-07-02

5

must be clearly understood, that I act solely as your agent, and that no pecuniary loss shall fall on me in consequence of any such dispute as that which has arisen in connection with the accounts above referred to.

Very truly yours,

1883-07-02
July 2nd.

3

William Holzer, Esq.

Edison Lamp Co.

East Newark, N. J.

Dear Sir:-

Referring to curves last received, I shall be glad to know what about No. 11 and 973. 973 is an isolated lamp and yet at sixteen candles shows 140 ohms resistance. Is it not 8 x 13 and not 6 x 17 lamp? Are you certain that No. 11 was put up at 64 candles, as I notice it is a ten candle lamp. The amperes on 973 are wrong for the isolated lamp. Why is 6 x 13 2, No. 988, so uneconomical, it is far less economical than the regular isolated lamp, and why are the volts so high, this would have been oxidized and have had bad service. Please explain.

Very truly yours,

1883-07-02

Mendo Park - Gen.

July 2nd.

3

Alexander Cook, Esq.

10 Albert Drive,

Grosshill,

Glasgow, Scotland.

Dear Sir:-

I have your letter of the 15th. June, and am sorry to say that I cannot offer you a position. I do not see why England is not as good a place as America to get a knowledge of electrical engineering.

Yours truly,

1883-07-02

July 2nd.

3

Messrs. Harris & Robinson,
Room 2 Trust Co's Building,
Hartford, Conn.

Dear Sirs:-

I have your letters of the 25th. and 26th. June.
Edison says that he never bore you any illwill at all. We think
the Yankees must have some spite against you. We are pleased to
talk to anybody whom you may send to us and explain matters to
them, and put them in the way of seeing everything we have to show
here.

With reference to the Danbury canvass, our canvasser
must take towns in the order in which they come into us. He must
go to Pittsfield, then to North Adams and then back to Danbury.
If we find that you get a number of towns requiring to be canvassed
we will put a special canvasser in your district to do nothing
but attend to your canvasses, but at present the business hardly
justifies this.

Very truly yours,

1883-07-03

July 3rd.

3

Oluf E. Mooraas, Esq.

Care Jacob Holm,

245 W. Indiana Street,

Chicago, Ills.

Dear Sir:-

Referring to your letter of the 20th. June, my representative Mr. Edward H. Johnson, is now in London, has charge of my electric light interests in Norway and Sweden. He will be in New York in about two weeks, when I shall be able to learn the exact status of the business there. When passing through New York, on your return to Europe, you might call on me, and if I can make any arrangements with you then, I shall be happy to go into the matter with you.

Yours truly,

1883-07-03

Dynamo

July 3rd.

3

C. E. Roop, Esq.

104 Goerck Street, City.

Dear Sir:-

Will you please let me have per return your ideas as to what prices should be quoted for the various machines.

Major Page, of the Indian Colonial Company, is now here, and I wish to give him firm prices for dynamos and armatures to be shipped P.O.B. in New York. You may remember that I sent you a copy of the price list that Mr. Edison had given to Mr. Moore, and I fancied that you expressed some doubts as to whether we could supply the machines at the prices named.

Yours truly,

25 per cent of this.....1883-07-03

would go to the Parent Company to pay them for a license

Central Station - July 3rd.
St. Louis

W. F. Brewster, Esq.

Southern Hotel,

St. Louis, Mo.

Dear Sir:-

As requested in your telegram to Major Eaton and Mr. Edison, I have the pleasure to enclose you, first, statement of the probable expenses for running the station at St. Louis; second, statement of probable profits for sixteen candle lamps are used; third, statement of probable profits if ten candle lamps are used.

The profits are based on a capitalization of \$200,000 which is made up as follows:

25 per cent of this..... 50,000

would go to the Parent Company to pay them for a license

The cost of the installation of the plant would be 115,025

To purchase a lot would be 12,000

And the balance..... 22,975

to provide capital to run the business and meet all expenses in connection therewith. If ten candle lamps are to be used throughout the district, there will not be enough lights in the district itself to work the station to its full capacity. It would therefore be possible to take in a larger area than that indicated on the map sent you, and about \$12,000 for the tubing and laying of

that we have not got the time to do such work. I think if you take the statements now made out, that is those for Shamokin, Brockton and St. Louis, you will be able to arrive at about what profit can be made in almost any town you go into.

the same. Doubtless 9,000 ^{separately} obtained, but our presumption is, however, that you will have to use a mixture of ten and sixteen candle lamps, in which case of course the exact capacity of the station will depend entirely upon the number of each used.

As you are quite familiar with the method in which we make out these statements of profits and expenses, I do not think it necessary in each case to give a detailed explanation of the same.

If you desire us to supply you with such statements as the enclosed, you should let us know at the time the estimate is asked for. I may remark that we do not make it a habit to get up these statements with all estimates, as the labor is so great, that we have not got the time to do such work. I think if you take the statements now made out, that is those for Shamokin, Brockton and St. Louis, you will be able to arrive at about what profit can be made in almost any town you go into.

Yours truly,

1883-07-03

1883-07-03

July 3rd.

Messrs. Arrington & Sims,

Providence, R. I.

Dear Sirs:-

"I telegraphed you to-day to wire no price and date that you can ship two 13 x 13 engines for London. I did this in consequence of receiving a telegram from our London Company, stating that they might possibly require two such engines for the Criterion Theatre, London.

Yours very truly,

1883-07-03

July 3rd.

Messrs. Brentano Bros.

3 Union Square, City.

Dear Sirs:-

Yours of the 2nd. to hand. There is an error in our order No. 74. What we want is the "American Architect and Building News" weekly.

Yours truly,

July 3rd.

3

E. T. Greenfield, Esq.

City.

Dear Sir:-

Will you please give me a complete set of the rules of the Board of Fire Underwriters for the guidance of electric lighting companies. I want them to send to Europe.

Yours truly,

1883-07-03

July 3rd.

3

D. W. C. Farrington, Esq.

Jewell, Mass.

Dear Sir:-

Referring to your letter of the 2nd. inst, the statement of profits should read for 1,000 lamps and 3,200 lamps, instead of the same number of candles in each case. The error was an entire oversight on my part, which I must apologize for.

I enclose you herewith estimate for 1,000 ten candles lights, amounting to \$40,000. In this estimate the conductors are calculated for 4,800 lights, the same as in the estimate previously rendered to you. The building is also full size and the steam piping is so arranged as to carry any future enlargement of the station which may be made.

If you decide to put in this plant, when you come to increase your capacity, you would find everything suitable for the enlarged station, with the exception of the stack.

Yours truly,

1883-07-03

July 3rd.

9

Charles Batchelor, Esq.

Paris, France.

Dear Sir:-

I enclose you herewith letter addressed to the Societe Electrique Edison, which I wish you would present after perusal, if you think it advisable.

I feel very much annoyed indeed with the treatment I have received in connection with this Milan order. I am at the present time about \$5,000 out of pocket in connection with this business, and if the Italiana Company are not prepared to pay me, the Paris Company should do so. I acted solely as the agent in connection with this matter. I have the order of the representative of the Compagnie Continentale Edison to fill the requisitions of Prof. Colombo, and to add to them if I thought fit.

This in my discretion I found necessary to do. My whole force was engaged for a long time in attending to this business, and I asked no payment in connection therewith, but to cover the very great trouble I was personally put to myself. I certainly feel that there should be no hesitation in paying me what I have already paid out, and inasmuch as I very much need the money, I shall be

2

Glad if you will give your immediate attention to it, and do your best to effect a settlement on my behalf.

Yours very truly,

1883-07-03

July 3rd.

3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your letter of the 2nd. July. I understand that the Babcock & Wilcox Company either desire to take their boiler out or else sell it, whereas the Fair authorities want them to leave it in without any compensation. It was for this reason that I wrote you to ask if you could assist Babcock & Wilcox to sell their boiler.

Will you please send me a photograph of Mr. Toboy's son, and I will then let you know something about the possibility of getting him into our business.

I will get information as to what it is reported that Mr. Bancroft said and will write you again on the subject.

I will also send in the course of a day or so the name of the party in North Adams, on whose behalf I was going to make a canvass there. I am unable to do so to-day, as the gentleman who came to me about the matter is out of town.

Yours truly,

1883-07-03

July 3rd.,

3

George H. Bliss, Esq.

Chicago, Ills.

Dear Sir:-

Referring to your letter of the 30th., as to inside wiring where the three wire system is used, I beg to state that houses should be wired in the old style, that is to say with two wires for multiple arc circuits, and the loss should be calculated at two per cent.

Yours truly,

1883-07-03

July 3rd.

3.

George H. Bliss, Esq. Com'l. Supt.

Chicago, Ills.

Dear Sir:-

I am in receipt of your favor of the 25th. June, with relation to the central station plant business.

My canvasser at the present time is in Minneapolis, and I have written him to advise you how soon he will leave for Liverpool. I would much prefer that you would not send anybody too co-operative with him in his work, as he has his full instructions from me, and knows exactly what I want, and if he is interfered with and proffered advice by other people, I can hardly hold him responsible for not following my instructions.

Mr. Clark and yourself are entirely of the wrong impression with relation to what I said about keeping a canvasser in your territory, at my own expense, to prepare data for estimates. If the Edison Electric Light Company want an estimate on a town, it is their business to supply me with the data to estimate on it. That is they ought to tell me exactly what they want, and then I should give them an estimate for the cost of supplying them with what they want. However, we found that this plan would not work very well. Our canvassers were all very unsatisfactory, and I have therefore taken this canvassing work on my shoulders for the

1883-07-03

2

benefit of our Companies, that they should have reliable data on which to base figures for a central station. I fail to see why I should pay for the making of a canvass, which forms part of the work of the Parent Company or its licensees in getting up their local companies. So far as the contractors profits are concerned, as I told you when I was in Chicago, I know that I can put these stations up for less than your Company can. If, however, they want to put them up themselves, I am quite satisfied that they should do so. But in such a case they might not hold me responsible for failure in the business. I would point out to you, that if I agreed to what you propose, namely, to bear all expenses in connection with a canvass, I would be assuming the expenses which is legitimately chargeable to the Western Company, as part of their exploitation expenses, in case of a failure ~~of~~ an installation. You seem to lose sight entirely of the fact that the Western Company would certainly gain some advantage if a central station was installed in their territory. Of course if the plant is ordered for any town we canvass, you will not have to bear the expense of the canvass, I think I will take care of this in my General Expenses in connection with the estimate.

Yours truly,

1823-07-03

July 3rd. 3

George H. Bliss, Esq.

51 Wabash Avenue,

Chicago, Ills.

Dear Sir:-

Referring to yours of the 30th. inst. as to water power,
at Iowa City, there will be no advantage in using a water power so
far away from the center of lighting where so small a plant is
being put up.

Yours truly,

1823-07-03

July 3rd. 3

George W. Fisher, Esq.

Chicago, Ill.

Dear Sir:-

Referring to your letter of the 30th. inst. as to
Canvassers for central station lighting, I beg to state that our
canvasser will start in your territory some time next week.
After he has done Appleton, Milwaukee and Ploverport, he can pro-
ceed to canvass Menasha and Racine, Wis. Will you please let me
know for return the name and address of the principal promoter
of the local companies in each of the above places.

I hardly see what you should be at a standstill simply
because a canvasser is not started in your territory. You have
about 235 towns where you can go ahead and get the reasonable
assurance from local people that a company will be formed, if the
showing is a favorable one; then you can order a canvasser, and our
canvasser will take the various towns in the order in which you may
designate. I do not wish to start another canvasser unless your
business justifies it, but immediately you order more canvassers
than one man can take care of properly, I will put another man in
your territory, besides the one that will be there next week.

Yours truly,

1883-07-01

July 5th.

My dear Messrs:-

I received your telegram early today about
teaching Conant the motor bookkeeping according to the Russell
style. As I do not understand the Russell style of motor book-
keeping, I sent him out to Russell with a letter to Oakley, and
when he comes back to-morrow, I shall put him through a course of
catechism and find out what he knows, and then take him down to the
central station to find out the difference between the Russell
motor bookkeeping and the Board Street station motor bookkeeping.
As to giving him instructions in all bookkeeping required, I must
confess that it is beyond the scope of my ability to give within
a liberal education in the course of twenty four hours. I know
you have a very great concept for bookkeeping anyway, but I can
assure you that it is not such a simple matter that it can be
picked up in that time. Furthermore the general mode of keeping
the books at Sunbury must be decided by the Company's Board or
their representative, and they must be left to do it themselves
as they please, so long as they do not interfere with that part of
the bookkeeping which refers to the running of the station.
You remember I asked you to get up the forms with me for use in
the central stations. I cannot very well give Conant instructions
as to what he is to do until I have got those forms. However, I

1883-07-05

will post him as much as possible, and send him on to-morrow night again, so that he will be in Albany Saturday morning.

Your second telegram stating that you sent the right size cups and wire screens for the dynamo, and also a new rod for cylinder of the same size as Pearl Street Station, came to hand later. I will endeavor to get these things, and have Conant take them on with him.

Bergmann informs me that he has shipped the pressure indicator and wa-are indicator, they should therefore arrive to-morrow.

Benovo canvasser has just come in. Minneapolis will be in in the course of a day or two. I think Eaton wants me to send a man to Hamilton, Ohio right away. My impression is that we shall want another canvasser, and I am therefore looking after one. I am on the track of a man, who is coming to see me to-morrow. I shall instruct the applicant, and start him out on Sixth Avenue to see what he can do. If he turns out satisfactory, can I send him off before you return, will you trust to my judgment of his physiognomy? Please wire reply.

I have sent you by express to-day, in care of Shaw, Williamsport, copy of the Williamsport map, which please mark and bring back with you.

Yours very truly,

1883-07-06

July 6th.

3

C. B. Harris, Esq.

Room 3 Trust Co's Building,

Hartford, Conn.

Dear Sir:-

I have your favor of July 5th, with relation to map of Hartford. Can you not manage to borrow one of the maps that the Mayor has, as it would be of no use to us after we had taken our tracing from it. If you can, and will send it on here, we will have tracings taken and return it forthwith. If you cannot borrow a copy will you please buy one for me, and I will remit to you the cost of same.

I will send a canvasser to Danbury as soon as possible. Of course you understand that it is impossible to keep a force of canvassers here to send to any town immediate we got word it is necessary to have it canvassed. There should not however, be any unnecessary delay in the work, and I will advise you immediately we are able to send a man to Danbury for you.

Very truly yours,

1883-07-06

July 6th. 3

J. W. Lieb Jr., Esq.

via Manzoni, 12 A,
Milano, Italy.

Dear Sir:-

I beg to confirm receipt of your cable dated June 30th,
as follows:

"Started station success tonight, Manzoni Theatre lighted."

I have very great pleasure in congratulating you on the
successful starting of the Milan Station, and shall hope soon to
hear of your having a great number of lights connected with it.

Very truly yours,

1883-07-06

July 6th. 3

George H. Bliss, Esq. Gen'l Supt.

51 Wabash Avenue,
Chicago, Ills.

Dear Sir:-

Our canvasser, Mr. C. H. Cooke, will get through at
Minneapolis in the course of to-day or to-morrow. He then goes to
Davenport, Appleton and Milwaukee. I have written him to-day,
stating that if he desires any information concerning these several
places, that you will be very glad to supply him with it, if he will
write you.

Very truly yours

to New York again, he will

1883-07-06

July 6th.

July 6th.

J. W. Bailey, Esq.

883 Ave de l'Opera,

Paris, France.

Dear Mr. Bailey:-

We have received a great many telegrams from Paris and from you with reference to the models for Siemens. You seem to have lost sight of the fact, or Hatcholer must have omitted to inform you, that they were not even designed at the time you originally cabled for them. We shipped a model H 450 light machine immediately it was tested, and as soon as other machines come along we will ship them also. Everything is being done in order to push them forward as quickly as possible, but where it is a case of designing a machine, rather than turning them out in the ordinary course of manufacture, a great deal of time is consumed in experimenting. It is almost impossible to promise a date for shipments for these various machines, as it is very difficult to foretell the result of the experiments. The main features of the various machines have all been decided upon, but there is a great deal of details which require very careful experimenting. What I wish you to understand is that when you ask for machines, we

do not forget all about it and overlook the matter, until your next cable arrives. It would appear, however, that you must have the impression that we are very forgetful in this matter, if you cable us and we find it impossible to name a date, and forthwith cable to somebody else to jog our memories.

I think the 100 light machine will be shipped in the course of a week, but it is rather difficult to promise absolutely.

I received your letter of introduction of Mr. Von Muller, and I have done all I possibly could to make his trip here pleasant. He seemed to be very much delighted with everything he saw, and I understand that he is now making a trip West. When he comes back to New York again, he will doubtless call and see us, before he returns to Europe.

Our business here promises to be very brisk indeed. We are erecting four small central stations, two in Pennsylvania and two in Massachusetts, and are negotiating for about half a dozen more. We have no less than forty towns being canvassed where companies will be formed, provided we can make a good showing in our estimates.

Our isolated Company's business also promises to be very large this summer. We are putting 4,500 kishon candle lights

1883-07-06

into the Louisville Exposition, and the Isolated Company contracted to do the whole of the work within forty days of the signing of the contract. We have got about twenty more days to finish in. There is no reason for thinking that the Isolated Company will break their part of the agreement. This is pretty quick work we consider.

Can you not write me now and then and give me an idea of the business in Europe?

Very sincerely yours,

1883-07-06

1883-07-06

July 6th.

3

Paul D. Byer, Esq.

Bush House,

Bellefonte, Pa.

Dear Sir:-

I have your telegram, notifying me of your arrival at Bellefonte. Your Renovo canvass came to hand yesterday. Send forward Bellefonte just as soon as possible.

Yours truly,

1883-07-06

July 6th.

3

C. H. Cooke, Esq.

Miccollet House,

Minneapolis, Minn.

Dear Sir:-

I have your favor of the 3rd, and you will have received my second telegram on the morning of the 4th, stating that the canvass of St. Paul had come to hand. I have also your letter of the 3rd, with relation to the method of work. We have not the least doubt but that you got over the most ground possible in the course of the twenty four hours, and I do not want you to get the impression, from our former letters, that we hold a contrary opinion.

I think there are several things in the St. Paul canvass which Mr Edison wishes to criticise, but as he is away, I cannot write you on this matter until sometime next week. The towns of Appleton, Davenport and Milwaukee are being canvassed for the Western Edison Light Co., of 133 Wabash Avenue, Chicago, Ill. If you want any information about them, write to the General Superintendent of that Co., Mr George L. Bliss, and he will doubtless tell you all that you desire to know.

Yours truly,

1883-07-06

July 6th. 3

Prof. G. Colombo,

via Manzoni, 12 A,
Milano, Italy.

Dear Sir:-

I beg to confirm receipt of your cable of the 20th.
June as follows:

"Inaugurated yesterday station illuminating Theatre great
Success."

It affords me very great pleasure to congratulate you
upon the successful inauguration of my central station system in
Milan, and I trust that your station will be fully as successful
as ours is in New York.

Very truly yours,

1883-07-06

July 6th. 3

C. E. Chinnock, Esq.

237 Pearl Street, City.

Dear Sir:-

Will you please let bearer, Mr. Conant, see through the
Motor Department and have explained to him the method in which
motor accounts are kept in the office. We are going to send him
out in connection with our village plant business, and I desire
that he should be fully posted before starting.

Very truly yours,

1883-07-07

July 7th.

My Dear Mrs. Edison:-

I got your letter with relation to Van
Cleve, and would have written to you earlier, but have been trying
to get at the exact facts in connection with the matter. I
learn that Van Cleve ordered the mason to close up a hole in the
wall of the boiler room, and that Swanson, under whose directions
the mason was working, told the mason not to do it. Swanson then
walked away, and Van Cleve followed him, knocked him down from the
back, hit him and kicked him, and Swanson did not return the
blows, as there were people around who counseled him not to.
The mason who was at work was an eye witness of this. Van Cleve
has charge of the premises. Swanson is working for the Jarvis
people. Van Cleve had no right whatever to give any instructions
to Swanson's mason, and I am told that Van Cleve acted entirely
outside his rights in connection with the matter. Of course I
only give you here the tale as told to me by Mr. Hornig, who cer-
tainly would have no particular interest in taking Swanson's side.
If Van Cleve had been struck while in the discharge of his duty,
I should at once suggest that Van Cleve allow himself to be arrest-
ed, and then we would get bail for him, and get a lawyer for him.

My dear Mr. Edison:-

But I do not think that we have anything to do with Swanson and Van Gloye's personal quarrels. I understand that Swanson is very much irritated and intends to push the matter, as I have the tale. So far I do not know exactly what to suggest to you. Mr. Edison will be here in the morning in all probability and I will consult him on the matter.

You must excuse my dictating this letter as I am so very busy this morning, that I have not the time to set down and write one myself.

Yours very truly,

1883-07-07

1883-07-09

July 9th. 3

G. F. Huntington, Esq.

City Hotel,

Cambridge, Penn.

Dear Sir:-

I am very much surprised to learn from a messenger that you have not started the wagon at Sheridan, which causes me very great inconvenience and great annoyance that work when ordered should not go forward so slowly. I really think that this delay is unreasonable. I also dread that you should attempt to put me on to the progress of the work. Having been in my office, I am entirely at a loss to know what is being done, if I do not receive information from you and others.

Yours truly,

1223-07-C9

July 6th.

3

W. J. Sprague, Esq.

City Hotel,

Sunbury, Conn.

Dear Sir:-

I shall be glad if you will post me from time to time as to the progress of your part of the central station work.

It is now a week since I was at Sunbury, and I am quite at a loss to know when the electrical part of the work will be finished, inasmuch as I have received information from no one. The mere fact of Mr. Edison being in Sunbury, should not prevent you from keeping me posted here as to what is being done.

Yours truly,

(883-07-10

July 10th. 3

George H. Bliss, Esq.

51 Wabash Avenue,
Chicago, Ills.

Dear Sir:-

In Mr. Edison's absence from town, I have to acknowledge the receipt of your favor to him of the 6th. inst. I will draw his attention to it immediately he returns. I think you must have gained a wrong impression about him. I am sure it is not Mr. Edison's intention to withhold any information, and if you will let him or myself know the points you require detailed information about, we will be most happy to supply you with it.

Yours very truly,

P.S. Your several other letters will also be replied to immediately Mr. Edison gets back.

1883-67-10

July 10th,

G. E. Hanington, Esq.

care W. H. Rouse, Esq.

Williamsport, Pa.

Dear Sir:-

I beg to return you herewith account and time sheets, which have been handed to me by Mr. Rich, who refuses to vouch for the items enumerated therein, as he says he knows nothing about the work. I cannot conceive how it is possible to have twelve men engaged on an average a day each assisting at the central station at Sunbury. If you can show me where eleven days labor comes in, on the work done there by those men, I will pass the bill, otherwise, I must respectfully refuse to do so. I shall be glad to have a detailed statement of exactly what each of those men were doing, and how long they were doing it, and who authorized their employment?

Yours very truly,

P.S. The labor charged for by you is about half the usual total amount of the labor on the whole building at Sunbury.

1883-07-10

65 Fifth Avenue,

New York, July 10th. 1883.

My Dear Edison:-

I wrote you asking if I could engage another canvasser and you have not replied. We have a number of towns that should be canvassed, and although this work is getting on considerably ahead of our ability to take care of it in the office, yet I think we should put as many canvassers in the field as are necessary to satisfy our agents. Three weeks ago I did not think the business justified it, recent developments lead me to the conclusion that it does. We shall also require another map man. I am sure that the one man now here cannot take care of all our map work. He has just finished the map of Erie. He has now got St Paul, Renovo and Bellefonte to deal with. The Hartford canvass will be here to-morrow, Minneapolis canvass in a day or so after, and Pittsfield and Louisville soon after that. We have got Elysville, Utica and Erie maps waiting for you to red line, so that they can go to Menlo; others will quickly follow.

I telegraphed you the other day asking you what I should do about regulators and switches for the Louisville Exposition. You have not yet answered my telegram. You see there are piles of matter requiring your attention, and I am very anxiously looking forward to your return, else I am afraid the plaster will grow so horribly thick that it will be set hard in our stomachs.

I have got an order from the London Company for two 18 x 18 engines for the Criterion Thatro, London. Sims has undertaken to ship them before August first.

1883-07-10

I have cabled Bailey as you have suggested and hope that will result in an order.

The Isolated Company sent an order to the Machine Works for one 100 light machine. Rocab wrote asking me whether the Isolated Company thought we kept a toy shop. I went to Hutchinson and Hastings, insisting on an order for ten, and got it, and they have undertaken to pay cash on delivery.

The London Company sent a remittance for \$4,000 to pay for the two engines they ordered. This greatly relieves the financial plaster, which has been getting horribly thick, since I got back.

Eaton has gone off for a holiday of two or three days with a Postmaster General and two or three others.

Brewster has got back from St. Louis. The people there have bought a lot for the central station, and we are dead sure of that contract sometime next Fall.

Moore, I think, is going to get left on his engines for Louisville, he is going down to Providence to see about them.

I wish you would go for Hanington bald headed. He has rendered me a bill for \$67.05 for work done at the central station. I suppose we will have to pay the bill, but I look upon it as a scandal. If I had my way I would charge Mr. Sprague with it, as I presume most of the expense was incurred owing to his little escapade with the engine. Even taking that into consideration, the bill had no business to be any such amount as it is. Hanington cannot know much about handling men if it is his rule to get the least possible work out of the greatest number of men

1
I have enjoyed every minute of this trip.
The weather is so perfect.
We are now in the heart of the
Columbia River valley.
The scenery is so beautiful.
We are now in the heart of the
Columbia River valley.
The scenery is so beautiful.

in the greatest possible length of time.

Yours very sincerely,

1223-07-10

July 10th. 3

My Dear Sims:-

Your letter of the 6th. inst. came to hand this morning. I send your bag and umbrella on Saturday. When I see you next you can club me for not sending it to you before.

I saw two Porter-Allen engines running together this afternoon at 350 revolutions, absolute regulation without any coupling of the governors, and without an Armington and Sims engine to take care of the irregularity in speed. How is that?

Very truly yours,

1823-07-10

July 10th.

3

F. J. Sengano, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Please write to our canvasser, Mr. G. W. Wilber, Pitts-
field, Mass. (American House), immediately you receive this,
stating on when he shall call at North Adams, when he goes there
to make the canvass. I want you to give him the name of the
gentleman most likely to help him to get a good man and other
information as to the town.

Yours truly,

1883-07-10

July 10th.

3

C. P. Huntington, Esq.

Care W. H. Doucy, Esq.

Shenandoah, Pa.

Dear Sir:-

I have your telegram of this date stating that Shenandoah will be started to-morrow. I am very glad of this and would beg of you to see that it is pushed through quickly.

Very truly yours,

1283-07-10

July 10th.

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penn.

Dear Sir:-

I have received from Mr. Hanington a statement of account amounting to \$87.08 for the work of twelve men at the central station. I have written to him, refusing to accept the account, and would suggest that you speak to him about the matter and ask him to let you see my letter to him. It seems incredible that twelve men should have been engaged upwards of a day each on any work in connection with the station, outside of that immediately superintended by Mr. Rich. If the clerical work in the station is going to cost any such sum, the first thing you and Sprague had better do is to devise some way of getting it done cheaper. The bill seems to me a preposterous one, and I feel sure there must be some mistake about it. Please look into the matter, and show this letter to Mr. Sprague, and let me hear from you about it as early as possible.

Yours very truly,

P.S. The labor charged for by Mr. Hanington is just about half of the total labor on the building at Sunbury.

(283-67-10

July 10th.

F. E. Clarke, Esq.

Lawrence, Mass.

Dear Sir:-

Can you give me any idea as to when we can start work at Lawrence in the interior of the station? Our tubes are now being made, and immediately work on them is finished, the Electric Tube Company will lay the mains and feeders for us. But in order to arrange any other work to fit in with that of Lawrence, I shall be very glad if you can let me know when we can go on with the interior part of the construction.

Very truly, yours,

1223-07-10

July 10th.

3

Henry A. Clarke, Esq.

Boon Building,

Baltimore, Md.

Dear Sir:-

Your telegram of the 7th. came to hand too late to be attended to on Saturday.

Elysaville canvass has been placed on a map, and will go out to Menlo Park to be determined immediately Mr. Edison returns from Danbury, which will be on Wednesday. Erie canvass is now being put on a map, and that will go out at the same time. We will hurry forward the estimates as much as possible.

Yours very truly,

1883-07-10

July 10th. 3

G. W. Wilbur, Esq.

American House,

Pittsfield, Mass.

Dear Sir:-

I enclose you herewith check for \$50., as requested in your favor of the 1th.

Your statement of expenses, which you say was enclosed in your letter of that date, has not come to hand, neither has your canvass of Hartford, but this I presume will be here to-morrow.

If you can manage to borrow the atlas from Mr. Frank E. Fernochan, please do so and send it on here with your canvass. We can have the scale altered in our office, in fact we are in the habit of doing this right along. I find that insurance maps are by no means reliable, and I trust that you will by some means or other be able to get either the atlas you refer to or something else to take its place.

I note your explanation as to the Hartford canvass, and as soon as it comes to hand, I will go thoroughly through it and any suggestions that strike me, I will write with reference to.

After you have got through Pittsfield, I want you to go to North Adams, as originally instructed and from there to Danbury,

1883-07-10

3

Conn., after that to Worcester, Mass.

I have written to our Mr. Sprague, who is at present in
Sambury, to write you direct saying on whom you shall call at
North Adams.

Yours truly,

1883-07-10

July 10th.

3

George Worthington, Esq.

"Electrical Review",

221 Park Row, City.

Dear Sir:-

Your letter of the 3rd. inst. came to hand just as Mr. Edison and myself were leaving New York. As he has not yet returned, I hasten to reply to it, and to apologize for my inability to write you earlier, which was solely owing to my absence from business.

Mr. Edison takes no active part in the management of the electric railroad business. If, however, I can be of any assistance to you, and you will give me a call, I will be glad to do whatever I can to enable you to properly illustrate the railroad.

The editor of the "Operator" came to me for cuts. So far he has not received them.

Very truly yours,

1883-07-10

July 10th. 3

The Armington & Sims Co.

340 High Street,

Providence, R. I.

Dear Sirs:-

Immediately on receipt of your telegram of ~~the~~ A. M., I cabled to London asking for the size and number of pulleys to each engine, and they replied to me stating that they wished two driving pulleys on each engine, each pulley to be five feet. They did not give me the face of the pulleys, but I think they should be ¹12 inches face. The speed of the engines is to be 275 revolutions. It is very important that you should push these engines forward as quickly as possible and get them shipped at the earliest moment. The engines are required for the Criterion Theatre, London, which is quite an important theatre, and the London Company is, I imagine, under contract to finish this plant before the opening of the next season, which is doubtless the reason for requiring the engines to be shipped before August first. I think that they should leave Providence by the 20th. inst. at the very latest, and you will be doing us, and I think yourselves, as well, a service by getting them out at that date. Of course

1883-07-10

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if it is possible to get them out earlier so much the better.

Yours very truly,

July 10th.

3

Ansonia Brass & Copper Co.

10 Cliff Street, City.

Dear Sir:-

Referring to our orders No's and Mr. Krusi complains to me that he is experiencing great delay in getting the copper rods. Can you not get those two orders forward. It is very important to us that we should get through at the earliest possible moment, otherwise we will be considerably inconvenienced by the delay in laying conductors in two different towns, where our central stations are well on towards completion.

Very truly yours,

1883-07-10

July 10th.

6

Charles T. Hughes, Esq.

United States Hotel,

Newburgh, N. Y.

Dear Sir:-

Have you got a profile of the railroad at Monticello? The Electric Railroad Company have applied to me for it.

Very truly yours,

1883-07-11

July 11th.

3

W. B. Lighthall, Esq.

5 Rowling Green, City.

Dear Sir:-

We are erecting a large number of central electric lighting stations throughout the country, employing from 50 to 1,000 horse power, and many of these where the water is highly impregnated with lime. We have a job now in hand where 50 horse power is required, using about 1,500 lbs. Water hourly. The town is full of lime kilns. We think of adapting condensers to obviate the evil. If possible would like your engineer to call at my office, 65 Fifth Avenue, and talk over the subject with my engineers, Messrs. King and Campbell.

Yours very truly,

1883-07-11

July 11th. 3

Messrs. Worthington & Sims Co.

Providence, R. I.

Dear Sirs:-

I have your two letters with relation to the two 13 x 13 engines for London. I have received another cable from London this morning, in which I informed that the London Company have taken a contract to light up the Criterion Theatre inside of fifty days. I therefore urge you not to allow one moment's delay in getting out the engines for them. I trust that the necessity of having two shafts will not delay matters very much.

When the engines are ready, please ship them to Hayward, Perry & Franklyn, 54 Wall Street, New York, advising H. P. & F. or same.

Yours very truly,

1823-07-11

July 11th.

Traverse London, Esq.

P. O. Box 5111,

Boston, Mass.

Dear Sir:-

I telegraphed you this afternoon stating that Mr. Innes would go to Fall River to-night to look over the ground there, with the view to giving me an estimate on underground conductors. He will be back here on Friday morning, and I shall hope to send a complete estimate for everything for Fall River by Friday afternoon's mail or, at the very latest, Saturday morning.

Will it be necessary to prepare a statement of Expenses and Profits for Fall River? It is a very long and tedious job, and one that we do not care to do. If you have anyone to figure it out so much the better. Cannot you use Jewell or Brockton statements?

What lights do you propose to use in Fall River? If coal gas is used there, a 60 candle lamp is fully equal to a five foot burner, and Mr. Edison considers it is quite sufficient for ordinary central station work in towns where coal gas is consumed. The station for Fall River will be so arranged that you can increase your capacity up to 12,000 lights.

Yours very truly,

1883-07-11

July 11th. 3

The Edison Electric Light Co., Limited,
74 Colman Street,
London, E. C. England.

Dear Sirs:-

Referring to your cable order for engines, I beg to acknowledge receipt of telegraphic remittance from you for £800, being 34,000 at 34,87 ¹/₂, and beg to advise you that I have credited your account at the latter amount.

I will do my best to hurry forward the engines as quickly as possible. If only one pulley had been required instead of two, the Armington & Sins Company could have shipped the engines right away, but your requiring two pulleys necessitates a new shaft being made.

I recognize the importance of your getting these engines at as early a date as is possible, and I shall therefore ship them via Liverpool, and will later on place you in communication with our Liverpool shipping agents, so that can get them through to London quicker than if they were shipped to you at London direct.

Yours very truly,

1883-07-11

July 11th, 1883

The Edison Electric Light Co., Limited,
74 Coleman Street,
London, E. C., England,

Dear Sirs:-

Referring to your cablegram asking for tracing of
engine foundation, I beg to enclose you herewith blue print of
the foundation of the 13 x 13 engine.

I could not get it ready in time to catch this morning's
steamer, but hope that it will reach you in time to be of service
to you.

Enclosure.

Yours very truly,

P. S. I will have a full set of blue prints of engine bedplates
got out and forwarded to you as early as possible, so that you will
not be delayed in your work, should you at any future time order
engines on short notice.

1883-07-13

July 13th. 3

J. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

I have your letter as to the account rendered by
Hannington for \$67.00. I find that I shall be compelled to pay
the account, altho gh I must say that I am extremely dissatisfied
with the explanation given me. I have not time, however, to go
into the matter at length, but will talk to you about it when I
see you next.

If you give any one power to supply you with men, you
should keep an exact record of the time you have them and the work
they do, so as to enable you to check accounts rendered to you.
This seems to have been entirely overlooked in the case in ques-
tion.

Very truly yours,

1883-07-13

July 13th. 3

John H. Winobronner, Esq.

Mount Joy, Lancaster Co.

Penna.

Dear Sir:-

Referring to your favor of the 10th, I am so very much occupied in attending to business matters in connection with my electric light system, that I have been compelled to close my Laboratory for a few months, and will not be able to take up the matter you refer to for the present.

Very truly yours,

1883-07-13

July 13th.

3

Thompson, Dorr & Bro.

Insurance Agents,

Wilkesbarre, Pa.

Dear Sirs:-

Referring to your various letters, and those of your agent at Sunbury as to insurance, we have a water pump in the building at Sunbury and no fires there, except in the boiler. On one side is a brick house and on the other side two vacant lots. I certainly think the rate should not be above one per cent.

Very truly yours,

1883-07-13

July 13th.

3

George H. Bliss, Esq.

51 Wabash Avenue,

Chicago, Ill.

Dear Sir:-

Referring to your letter of the 3rd, as to the proposed ordinance of the Common Council of the City of Chicago, I think that the resistance of one Megohm between the base of the dynamo and the circuit would be about right. I do not think that there is any necessity for a rule with relation to the installation of underground incandescent wires, neither do I think it necessary that there should be any rule for the regulation of overhead incandescent wires, as long as a double cut-out is used.

Yours very truly,

1883-07-13

July 13th. B.

George H. Elias, Esq.

51 Wabash Avenue,

Chicago, Ills.

Dear Sir:-

I have your favor of the 6th. inst, and would have replied to it earlier but have been out of town for the last ten days

My Canvasser at the present time is at Pavenport, and if you wish to communicate with him, please address G. H. Cooke, Kimball House, Pavenport, Iowa.

I thoroughly agree with you as to its being a very bad policy to work up a great deal of excitement in a town, and then have to wait several weeks for an estimate. I think the best way would be for you to order a canvass of a town, whenever you consider there is a reasonable prospect of a company being formed, if the estimates &c. are satisfactory.

I do not think you need fear opposition very much.

I have some little experience with central station work, and I have come to the conclusion that it is hard enough for us to conduct the business ourselves, and I have very little fear of opponents who know nothing whatever of what they are dealing with. This is a business in which I know they cannot touch you. They may talk, but that is all they will do. They will never attempt

1883-07-1

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to put in a central station plant, or if they should attempt it, their first experience would be sufficient.

If you will let me know exactly what information you want, I will be happy to supply you with it. I do not think that there has been any attempt to withhold information, as I infer you imagine there has been from a paragraph in your letter.

Yours very truly,

1883-07-13

July 13th.

3

F. E. Clarke, Esq. Prost.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

I have the pleasure to acknowledge receipt of your
favor of the 11th, and I will arrange to have our work started at
Lawrence two weeks from to-day, on the day you name.

Very truly, yours,

1883-07-13

July 13th.

3

Francis R. Upton, Esq.

East Newark, N. J.

Dear Sir:-

I enclose you herewith note with curve sheets from
Mr. Batchelor, thinking that you might like to see the nice style
in which they get up things at Ivory.

Yours very truly,

Enclosure.

1883-07-13

July 13th.

3

H. A. Clark, Esq.

3 Eoon Building,
Baltimore, Md.

Dear Sir:-

I have your letter of July 12th. The Alborton estimate will be sent forward as early next week as possible.

I have been obliged to send Mr Dyer to Ohio. Immediately I get another canvasser, I will endeavor to have Chesterton and Cantonville canvassed.

I cannot let you have the Erie estimate as early as Wednesday, but I can send it to you later on in the week. I will send you copies of each estimate to-morrow.

Companies have already been formed in Sunbury, Williamsport and Shamokin, Penna., and in Lawrence and Brockton, Mass. also Utica, N. Y. There are about a dozen other places where companies will be formed within a very short time, that is as quickly as we can get canvasses made and furnish estimates.

Very truly yours,

1883-07-13

July 13th.

3

H. A. Clark, Esq.

5 Noon Building,

Baltimore, Md.

Dear Sir:-

I send you a map of Alberton with the pole lines shown with a broad red mark, the services from the mains going into the back of each house. If you want the lines changed, please do it by dotted marks all red, and also please indicate by a small circle in red the exact point where the street lines are so that I can alter the mains in such a way as to ~~use~~ use these lights. Please attend to this matter and return the map as early as possible, so that we can prepare the estimate.

Yours very truly,

1883-07-13

July 13th.

C. H. Cooke, Esq.

Fireball House,

Davenport, Iowa.

Dear Sir:-

After you get through at Davenport, please go to Appleton, there you will see Mr. H. J. Rogers or A. E. Smith.

From there go to Neenah, Wis. I do not know the parties you will have to see there, but by the time you get through at Appleton, I

think the Western Edison Light Co. will have sent on a memorandum for you to Mr. H. J. Rogers or Mr. A. E. Smith. Possibly the best

way for you would be to write direct to Mr. George H. Bliss, the General Supt. of the Western Edison Light Co., 31 & 53 Wabash Ave.,

Chicago, for such detailed information as this. When you get through at Appleton are to go to Milwaukee, and there you will

see Mr. C. H. Haskins or John S. George. After you get through at Milwaukee you go to Racine, and Mr. Lewis of Mitchell, Lewis &

Co. is the gentleman to call on there.

I notice that all the lots you speak of for central station purposes in Minneapolis and St. Paul are extremely high

priced. We want lots on the back streets or alleys. We do not care about prominent location, what we want to get is something

cheap in the center of lighting. This is what you should look

1883-07-13

2

for in the towns you go into.

Yours very truly,

1883-07-13

July 13th.

3

W. D. Dyor, Esq.

Post Office,

Hamilton, Ohio.

Dear Sir:-

I telegraphed you this morning to look Haver to go to Hamilton, Ohio and make a canvass of the town. When you get through at Hamilton, I want you to go to Georgetown, and when you get through there, if you have not received instructions from me, please go to the office of E. A. Stuart, 56 West Front Street, Cincinnati, and ask him what towns he wishes canvassed next.

I propose keeping you in Ohio for some time to come, provided our Ohio people can give us towns sufficiently rapid.

In sending us on a map, please see that the alleys, if there are any, are clearly marked on the map. If they are not given on any map you may be able to obtain, you must mark them in pencil. My reason for this is that we shall in all probability run our lines, as at Rumby, in the back alleys. You might at the same time give me the position, height and diameter (roughly) of the trees there may be in the alleys and main streets, as you will understand that such obstructions interfere very much with our outside wire work.

Very truly yours,

1883-07-13

July 13th. 3

My Dear Sims:-

From recent letters to Edison and myself, I gather that you are still quite disturbed about the Nonantum engine. There is no necessity to bother yourself at all about it. If the Summer people issue the card you told me of, you just send on the letter, you want Edison to sign, and he will do it for you. I spoke to him about the matter some days back.

Very truly yours,

1883-07-13

July 13th. 3

C. E. Spols, Esq.

Care D. Van Bruntant,
23 Murray Street, City.

Dear Sir:-

Do you know whether the second test of incandescent lamps made at Paris by M. Trescott has ever been published? The test was made in connection with the Electrical Exposition there of the year before last.

Yours very truly,

1883-07-13

July 13th.

3

Philip Seubel, Esq.

Georgenstr, 4

Munich,

Dear Sir:-

I have your favor of the 20th. June, and am much obliged for the copy of the report of Professor Pistenkoffer.

We can furnish motors up to two and three hundred lights, and where more lights are used, you can put in two or three motors.

Mr. Batchelor has full information and can post you on the matter.

Yours very truly,

1883-07-13

July 13th.

3

George H. Bliss, Esq.

31 Wabash Avenue,

Chicago, Ills.

Dear Sir:-

Referring to your letter of the 5th. as to Iowa City, will you please let me know the cost of race, shafting and turbine all complete for about 300 horse power, and also the price of common steam coal at Iowa City, and I will let you know which would be the cheapest, steam or water power.

Yours very truly,

1883-07-13

July 13th. 3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I am in receipt of your favor of the 12th, inst, and will have a copy of the Lowell Profits and Expenses made and sent to you forthwith.

So far as Fall River is concerned, we will figure out our estimate on the basis of ten candle lamps, then if you find it necessary to put in sixteen candle lamps in some cases, you can easily do so. The only difference will be that it will increase your consumers bills.

We use a great number of ten candle lamps in our District down town, and run them on the same circuit with sixteen candle lamps.

Yours very truly,

1883-07-13

July 13th.

3

P. E. Clarke, Esq.

Agents Office, Pemberton Co.

Lawrence, Mass.

Dear Sir:-

I find your letter of the 5th. awaiting my attention on my return from Sunbury, where I have been to start a central station plant. I will give you the information that you desire, as to changing your two J machines, so soon as my man at the Machine Works can figure on the matter.

Yours very truly,

1883-07-13

July 13th. 3

Charles Batchelor, Esq.

Paris, France.

My Dear Batchelor:-

Do you know whether the second test of incandescent lamps, made at Paris by M. Tröscott, has ever been published. The test was made in behalf of the Maxim Company, who were dissatisfied with the first test, and this second test simply corroborates the results obtained in the first one. If you can get us some copies I shall be very much obliged.

Yours very truly,

1883-07-13

July 13th.

3

J. C. Reiff, Esq.

care Woerishoffer & Co.

54 Exchange Place, City.

Dear Sir:-

I have your letter of the 11th.

A very great deal could be done with aluminium, if it could be had at 97 per cent pure, at about \$1. per pound, but I do not think that we could make much use of it myself.

Yours very truly,

1883-07-13

July 13th.

3

James E. Browne, Esq.

Room, 17,

62 Broadway, City.

Dear Sir:-

Referring to your favor of the 6th, which I would have answered before but have been out of town, will you please let me know whether you want lamps that are black and with their carbons broken, or lamps with perfect carbons?

Yours very truly,

1883-07-14

July 14th.

3

Mr Hastings,

Referring to our conversation of a few days back,
I beg to state that Mr Edison will accept the order for ten 100
light dynamos, the terms of payment to be as follows:-

One third of the face of the bill to go against the subscrip-
tion for isolated stock, and the remaining two thirds to be paid in
cash, on delivery of machines, those are the terms I stated to
you, when talking about the matter, and I shall be glad to receive
a note from you confirming them.

1883-07-16

July 10th. 3

R. H. Hodson, Esq.

Louisville, Ky.

Dear Sir:-

I am in receipt of your favor of the 12th. inst, and very much regret the delay that has occurred in starting your canvass. I shall hope to hear from you of rapid progress being made, and will advise you before the 20th. where you are to go to after leaving Louisville.

Very truly yours,

1883-07-16

July 16th. 1883

George W. Bliss, Esq.

Chicago, Ill.

Dear Sir:-

Our canvasser, Mr. C. H. Cooke, writes us that you want him to go to Chicago on his way to Appleton, which would necessitate his going about 300 miles out of his way. His time is so valuable to us, to get canvassing done quickly, that I have taken upon myself to telegraph him to go direct to Appleton without calling at Chicago, and shall be glad if anything you may wish to communicate to him be done by correspondence. I write you this explanation so that you will not think that Mr. Cooke has not acted without instructions.

Very truly yours,

1883-07-16

July 10th. 3

Charles Hatcholer, Esq.

33 Ave de l'Opera,

Paris, France.

My dear Hatcholer:-

I have your letter of the 2nd. July, and will attend to the instalment on your Patent Stock as soon as we have some money.

Johnson got back late last night (Sunday) on the "Alaska". He says that the trip was the roughest that he has ever experienced in crossing the Atlantic, and it was therefore a wonderful trip for the "Alaska" to make, to be able to get in on Sunday night the circumstances.

With reference to your House or anything else that you may desire me to attend to, I need hardly say that I shall be most happy to do anything you may direct me to.

The plant at Sunbury has now been running over a week. The three wire system is perfection, says Edison. I will talk to him about the matter, and try and write you about it this week.

Yours very truly,

1883-07-16

July 10th. 3

G. W. Wilbur, Esq.

Post Office,

North Adams, Mass.

Dear Sir:-

I am in receipt of your favor of the 13th. inst, and shall hope to receive the canvass of Pittsfield in due course.

I will see that the map is returned to Mr. Korooshan in good order.

After you get through at Danbury, you are to go from there to Worcester. After you get through at Worcester, I will then advise you which towns you are to canvass.

Very truly yours,

1883-07-16

July 10th. 3

Edison Lamp Co.

East Newark, N. J.

Dear Sir:-

Will you please send me in three lamps, the inside of the globe of which are very black, the carbons, however, must not be broken. I want them for an experiment.

Yours truly,

1883-07-16

July 16th.

3

W. H. Doolley Jr., Esq.

Box 338,

Fall River, Mass.

Dear Sir:-

Referring to your favor of the 13th, I will endeavor to have a statement of Profits and Expenses for Fall River prepared in this office. I think this will be the most satisfactory way of settling the matter.

Very truly yours,

1883-07-16

July 16th.

3

A. B. Johnson, Esq.

Utica, N. Y.

Dear Sir:-

Referring to your favor of the 15th, I beg to inform you that lot No. 6, on Post Street, 40 x 95 feet, is the best lot that we can use for your central station in Utica. You said in your letter that it will cost about \$2,200 in order to take advantage of the water from the canal. When we open the streets to lay our underground mains, we can run a water pipe from our station to the canal. Is there any local Statute to prevent this?

Very truly yours,

1883-07-16

July 16th.

3

C. W. Rogers, Esq.

Electric Railway Co. of the United States,
Mills Building, City.

Dear Sir:-

I beg to hand you herewith profile of the Edison
Electric Railroad at Monro Park, and remain,

Very truly yours,

Enclosure.

1883-07-16

July 16th.

3

P. B. Shaw, Esq.

Williamsport, Penna.

Dear Sir:-

I am in receipt of your favor of the 12th, and I shall
be glad to hear of Watertown being closed.

Our work at Sunbury will be entirely finished this week,
and I shall render my account for same, and hope that there will
be no delay at all in payment being made. Please let me hear
from you on this point.

Very truly yours,

Edison, T.A. -
Personal.

1883-07-16

July 10th. 3

James E. Norland, Esq.

Corner New York Avenue & Main Street,
Ogdensburgh, N. Y.

Dear Sir:-

Referring to your favor of the 11th. inst, I beg to
inform you that Mr. Edison will not go yachting this Summer.

Very truly yours,

1883-07-16

Exhibitions

July 10th. 3

To the Directors of the Committee,
International Exposition,
Vienna, Austria.

Dear Sirs:-

I am in receipt of your esteemed favor of the 20th.
June, requesting me to lecture at the Electrical Exposition at
Vienna. My business here is of such a pressing nature, that it
will be absolutely impossible for me to comply with your request,
which I extremely regret. Trusting that your Exposition will be
a perfect success, I remain, Dear Sirs,

Most respectfully yours,

1883-07-17

July 17th.

3

Charles Batchelor, Esq.

Paris, France.

My Dear Batchelor:-

I have your letter of the 2nd. July.

PATTERSON. Patterson has been discharged, and his statements to Colombo are absolutely false. We found him perfectly useless here in every respect, and that was the cause of his being given a permanent vacation.

ARC LIGHTS. I do not know anything about your Hosos arc lights. Both Navarro and he are so impracticable, that we have been unable to do business with them here. Bogmann has got up an arc lamp that so far works good. Will advise you later if we decide to use it.

I have also received your letter of the 5th, and am much obliged to you for the analysis of the lamp breakages on the pumps. I have sent it to Upton to study.

Yours very truly,

1883-07-17

July 17th.

3

William Hodgkinson, Esq.

Room B, Board of Trade Bldg.

Providence, R. I.

Dear Sir:-

Will you please send me a map of Providence, marking on same the exact position of the various establishments which you propose lighting, as per your report on this subject to Mr. Spencer Borden. We want this to enable us to get up a map, in order to assist us in making the electrical determination of the size of the conductors.

Very truly yours,

1883-07-17

July 17th. 3

F. R. Upton, Esq.

East Newark, N. J.

Dear Sir:-

In a letter from Mr. Batchelor, which I have, the following paragraph occurs:-

"Please ask the Lamp Factory to send me the good records of lamps that they have got and also to specify the economy. None of the diagrams tell anything about economy, and although of course the life may show good, I cannot tell whether the fiber is the right size, especially as all those that I brought are 1--2 thousandths wide one way."

Very truly yours,

1883-07-17

July 17th. 3

Messrs. Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

Will you please let me know the exact state of our two 13x13 engines, for London? It is of the highest importance that these should be shipped as soon as possible, and I feel very anxious about them.

Very truly yours

1883-07-17

July 17th.

3

Messrs. Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

I notice that in the automatic oilers, which you send out with our engines, there are some metal pins which go through the thin rubber handle and barometer hands, when adjusting the oiler. Cannot these pins be counter-sunk, so that the hands will not touch them.

Very truly yours,

1883-07-17

July 17th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Your letter of the 16th. came to hand this morning.

I saw your letter to Mr Edison, and, at his request, just dictated a reply to the same. You will have received Mr Edison's memorandum on the subject of lightning. We are having the resistances made for you, and will send them forward at the earliest possible moment.

I wish you would write me as to the outside wiring work. Is it all finished? If not, when will it be, and Hanington's men entirely cleared out?

Very truly yours,

1883-07-17

July 17th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Referring to your favor of the 14th. inst, Mr Hanington will take some insulating joints with him. Messrs. Bergmann & Co. agree to make, and in fact have made, some of the joints for insulating the chandeliers from the house piping, so that they can be sold for 25 cents each.

You should speak to the engineer about getting another man for the meter work, if you, he and Conant are satisfied that the present one will not do. I told the engineer that he would have full charge of the station and could hire and discharge any man. Of course that is after we get through there. If a change is made, the sooner it is done the better.

I notice your suggestion from Mr. Doubleday, and will write you again.

Very truly yours,

1883-07-17

July 17th. 3

A. J. Darwin, Esq.

Allen Paper Car Wheel Co.

240 Broadway, City.

Dear Sir:-

- I have your favor of the 12th. inst, which I would have
- answered earlier but for my absence from New York.

My shops for the production of apparatus to be used in connection with my system of electric lighting are now all fully established, and are located in different parts of New York and one near Newark.

I do not think that it would be practicable for me to attempt to aggregate them all together under one roof, until such time as the demand for apparatus is far beyond their capacity. At the time that I organized my works, I had in mind the fact that there would be a vast expansion of electric light business in the course of a few years, and, consequently, I have at present a much greater capacity than there is a demand for.

If, however, you care to call, I shall be glad to see you at any time. I am here in my office all day, and almost every evening, except Saturday. Very truly yours,

1883-07-17

July 17th. 3

C. H. Campbell, Esq.

Dear Sir:-

We find it necessary that somebody should be placed in charge of the Engineering Department, and Mr. Edison has decided to put you in that position.

I shall be glad if you will proceed to fully organize your disorganized establishment, somewhat on the following basis:-

FIRST! The form of estimate, which I prepared with you a short time back, should be got in order as quickly as possible.

SECOND. A book should be prepared giving exactly the cost price of everything we use in connection with our work, until these figures can be kept in the book. I think that a memorandum should be prepared, classified and kept in proper order. This I am sure can be done in a temporary manner.

THIRD. I desire that your Department shall take charge of all maps and blue prints used by us, whether of central stations, the maps of towns ~~xxx~~ showing lots used on the electrical determinations.

For the present, the canvassing and mapping department will remain entirely distinct from your Department, although you and Mr. Richardson will have to agree as to the records being kept together and in proper shape.

1883-07-17

July 17th. 3

2

The form of register is now in the hands of the printer, which will take care of the recording of this class of data.

Any correspondence that it may be necessary to conduct in connection with your Department, I desire shall be done through my office, or else brought to my notice before it is sent out.

The best way would be for you to give me a memorandum of what you want and where you want it from, as otherwise it is impossible for me to keep a run of matters going on in your office.

Yours truly,

1883-07-17

July 17th.

3

P. B. Shaw, Esq.

Williamport, Pa.

Dear Sir:-

I send you by this mail, under separate cover, blue print of Renovo. Will you please have inquiries made for lots for central station anywhere within the space enclosed within the red lines. Get as many lots as possible, with their exact sizes and prices, and locate them on the blue print, which please return to me with full explanation, so as to enable us to tell you which will be the best one to take.

Very truly yours,

1883-07-17

Meter

July 17th. 8

Thomas P. Conant, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

I have your letter of the 15th. Inst. Mr. Edison has to-day written to Mr. Andrews with reference to getting another man for the motor work, and I therefore request you to consult him on the matter.

I enclose you herewith check for \$24. on account of expenses.

With reference to the motor accounts, the books at the station are in a transition, and I hardly like to decide on the system until Mr. Chinnock has got his in perfect working order.

I return you notice of shipment, which you sent back to me in error, all that I require is a receipt at the bottom. Please hand the notice to Mr. Andrews, who will put it with others that he has at Sunbury.

Very truly yours,

Enclosure.

1883-07-17

July 17th. 3

E. H. Ford, Esq. Treas.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

I find your letter of the 6th. July, which arrived during my absence from New York has been overlooked, which I very much regret.

The armature of the old E. dynamo can be wound to give 1250 volts.

We are making some ¹ of a horse power motor, and are getting out drawings for far higher powers, and just as soon as experiments are complete, in order to determine on the exact construction of each different size, we shall go ahead and manufacture the motors.

Very truly yours,

7883-07-17

July 17th.

3

C. G. Y. King, Esq.

Dear Sir:-

Mr Edison considers it is necessary to put someone in charge of the engineering part of our work, and has chosen Mr Campbell for this position, in consequence of the long time he has been with us and the Light Company, and his full acquaintance with the requirements of our work.

If you want any information in relation to work in hand, or work to be done, I shall be glad if you will for the future communicate with Mr Campbell for it.

I trust you will cordially co-operate in pushing forward the matters in connection with the Engineering Department.

Yours truly,

1883-07-17

July 17th. 3

Charles E. Roan, Esq.

104 George Street, City.

Dear Sir:-

I beg to advise you that I have arranged with Mr Hastings that the ten 100 light dynamos, now being built for the Edison Company for Isolated Lighting, shall be paid for in the following manner:-

One third of the face of the bill for same to go against Mr Edison's subscription for Isolated stock and the remaining two thirds to be paid in cash, on delivery of the machines.

There has really been no price arranged for these machines. Of course Mr Moore has Mr Edison's memorandum, giving prices of machines, but it is not Mr Edison's understanding that these prices were to be final.

Very truly yours,

1883-07-18

July 18th. 3

A. B. Johnson, Esq.

Utica, N. Y.

Dear Sir:-

I have your telegram stating that you cannot get lot No. 6. I find that lot No. 1, which is located on Blandina Street, opposite Union Street, size 40 x 100, price \$1,800, is the next best lot you can take. Will you please wire me immediately on receipt of this definitely, whether you can get this lot.

Very truly yours,

1883-07-18

July 18th. 3

P. D. Dyer, Esq.

St. Charles Hotel,

Hamilton, Ohio.

Dear Sir:-

I have your letter of the 14th. inst, and have also received the canvass of Lock Haven.

If you find any trouble in Hamilton, please communicate with Mr. A. Stuart, 33 West Front Street, Cincinnati, who will be glad to render you any assistance possible. You might inquire of Mr. Stuart, from time to time, as to any towns to be canvassed in Ohio.

Very truly, yours,

1883-97-18

July 18th.

3.

P. B. Shaw, Esq.

Williamsport, Penna.

My Dear Shaw:-

I enclose you herewith letter, which you can use, if necessary, if the Danville people want us to put in the station, for the amount named, they have got to close the contract, as I state in my other letter, within thirty days.

I thought probably this might help you to close up the business, and therefore send it to you personally. I am not at all anxious to get the contract, because I do not like "losing business", but I presume it is necessary for us to give some such notice as the enclosed, inasmuch as in the letter accompanying the tender, we stated that we were prepared to do the work for the amount named on certain conditions, which I presume the Danville people were to have no objections of complying to. How is Watsontown getting along?

I am afraid Pennsylvania will be at the bottom of the list, instead of the top, unless they go ahead a little quicker than they are now. I was compelled to take Dyer out of your territory and send him to Ohio, as Mr Stuart was only waiting for us to make a canvass, and give an estimate, to close the contract

1883-07-18.

July 18th.

3

2

with us to erect a plant there!

Yours very truly,

1883-07-18

July 18th.

3

P. B. Shaw, Esq.

Williamsport, Penna.

Dear Sir:-

Referring to the Danville estimate, which I sent you some time back, I beg to give you notice that unless the contract is closed within thirty days from this date, I shall consider that estimate withdrawn, as I find from experience, that in case the local people accept my tender, and I put in the station, for the amount named in the contract, I should lose about \$1,500.

Very truly yours,

1883-07-18

July 18th. 3

A. B. Johnson, Esq.

Utica, N. Y.

Dear Sir:-

I have your letter of yesterday's date, and will at once proceed to have the electrical determination made, on the assumption that you will buy lot No.1. Before securing the lot ~~xxxx~~ next to it for storage, please let me know the price you will have to pay for it, and whether you cannot get cheaper lots in the neighborhood for the same purpose. The lot 40 x 100 will be sufficient for our central station, and we will take care that you can get into the back part of the building where the boilers are. So it is by no means essential, that the place for storing coal should adjoin the lot where the station is. You might find that it would pay better to hire a place to store your coal. However, such matters can be decided on, when you find what it will cost to buy the adjoining lot.

Very truly yours,

1883-07-19

July 19th,

3

Major Flood Page, General Manager,
Edison Indian & Colonial Electric Co.,
London, E. C. England.

Dear Sir:-

I beg to give you below prices for machines, which we are now manufacturing:-

100 Light Machine.....\$ 400.

400 Light Machine..... 1,500.

We are getting out designs for a 25 light machine, which will cost about \$175.; a 50 light machine which will be sold at about \$275.. We are also designing a 200 and 300 light machine, but cannot state what the price will be, until we have got a little further along in our work. Of course the only prices which you can look upon as absolute, are those for the 100 and 400 light machines. In the course of a week or so, I can doubtless give you prices of machines of other denominations. All our prices are quoted F. O. B. in New York, but should any extra packing be required for long sea voyages, we shall be obliged to charge you for it. In shipping to England and the Continent, we are in the habit of using only our ordinary packing, but I presume if we have

1883-07-19

2

to ship to Australia for you, especially if we have to ship by Peabody's cutters, we shall have to use extra packing.

I also beg to hand you herewith price list of the Electric Tube Company for tubing on three wire system. These prices are subject to variations in the price of iron piping and of copper

I will send you a price list for lamps by Saturday's mail. I have been unable to get this out, owing to the absence of Mr. Gorton, the Manager of the Lamp Factory.

I understood from you last night, that you had obtained from Borgmann & Co. their prices.

Very truly yours,

1883-07-19

July 19th. 3

C. H. Cooke, Esq.

Post Office,

Appleton, Wis.

Dear Sir:-

Will you please for the future enter your block numbers in your report book of the canvass made, and also indicate the points of the compass on your otherwise admirable map, by doing this you will greatly expedite the work in my office.

Very truly yours,

1883-07-19

July 19th.

3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your favor of July 17th. I think I have reason to complain at your calling the memorandum anonymous, and also at your stating that it was handed to you by me. I have no right whatever to criticise any work of yours or that of any Department of the Edison Companies. It was Mr. Edison who handed you the memorandum, and he told you he took the responsibility of it. Inasmuch as Mr. Hastings has referred to it as an anonymous memorandum, presented by Mr. Insull, I shall be very glad if you will set this matter right. Personally, I am delighted that most of the criticisms are hardly deserved, that is so far as your Department is concerned. However, I presume Mr. Edison will look into the matter, as it is a question which concerns him and not myself.

Very truly yours,

1883-07-19

July 16th.

3

Spencer Borden, Esq.

P. O. Box, 3311,

Boston, Mass.

Dear Sir:-

I beg to enclose you herewith estimate for the erection of a central station plant at Fall River, amounting to \$369,564. I also enclose an electrical determination, showing where the mains and feeders will run.

I am having a statement of profits prepared, and will send that to you at the earliest possible moment, together with a ground plan of the station.

Very truly yours,

Enclosure.

1883-07-19

July 19th. 3

Spencer Gordon, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Mr. Kruosi has just returned from Portland, and we find that the canvass made by your man is absolutely useless, and there will be a delay of at least six weeks in getting out the Portland estimate, as we shall have to send our man down there to re-canvass the town. I am very sorry for this, but it is just as annoying to us as it is to you.

I think that we shall have to have each town, that we now have in hand of yours, re-canvassed, but will let you know later on.

Very truly yours,

1883-07-19

July 16th.

3

Messrs. Bergmann & Co.

202 Avenue, City.

Dear Sirs:-

I return you herewith switch which seems to be all right.

The switches you have sent to Andrews, he says are altogether too good for the purpose of grounding the system. Why not send a switch something after the style of the one sent herewith? It will have to be a little larger, and made so as to enable our men to make a good connection with the heavy wire they use.

Please send ten (10) of the plug switches, of the sample returned herewith, to W. S. Andrews. If you will let me know what you call them, I will send you an order for them.

Very truly yours,

1883-07-19

July 19th. 3

Dr. Edward D. Frost,
1,141 East Jersey Street,
Elizabeth, N. J.

Dear Sir:-

Referring to your favor of the 16th. inst, I beg to inform you that I buy all my platinum and other precious metals from Johnson, Methey & Co., of Hatton Gardens, London, E. C., England.

Yours truly,

1883-07-19

July 19th. 3

W. L. Garrison, Esq.
P. O. Box 3627,
Boston, Mass.

Dear Sir:-

Referring to your favor of the 14th. inst, Mr. Edison says that possibly by altering the Thomson-Houston lamp, we might be able to use it on our circuit. If the T-H people agree to do so, they might send two lamps to Mr. Edison, at this address, to try and see what can be done with them.

Very truly yours,

1883-07-19

July 19th. 3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

From the specification of what you require for use at Shamokin, I infer that you think it my intention to put a resistance in each feeder, that is when you ground it during a storm. I have no such intention. All I do is to ground the three wires ^{main} of the omnibus through a hundred ohms of iron spiral resistances. This is all you will require at any station you go to, and the only explanation I can imagine of your requiring 18 boxes of 100 ohms resistance, is that you think I desire to put this resistance in each feeder, when grounding during a storm, but as I stated before, I have no such intention, but only intend to ground the omnibus main. Do you understand?

Very truly yours,

1883-07-19

July 10th.

3

G. W. Wilbur, Esq.

Post Office,

North Adams, Mass.

Dear Sir:-

HARTFORD CANVASS. "Block G, Asylum Street, Street No. 34 to 38, clothing store, 8.05 to 9.45 four gas jets; 10.30 closed, three arc lights INSIDE, not burning, one gas jet all night. Saturday nights three arc lights each burning."

The above is copied from your report. Will you please let me know the probable number of hours that the arc lights are burning, and whether they are generally lighted every night, or only used on Saturdays nights?

Block 38, Athol Street, Hartford Club Building.

Why do you make no inquiries or report as to the number of lights there? Was Athol Street formerly named Wadsworth Alley, as on map dated 1880?

Very truly yours,

1883-07-19

July 10th. 3

George W. Wilbur, Esq.

Post Office,

North Adams, Mass.

Dear Sir:-

Referring to your favor of the 10th. inst, Mr Edison states that if you are in a place on Saturday night, you can take a record of the lights burning. If not, you must ascertain from a dozen or so of the consumers, how much later they keep open on Saturdays, and if we get the data what such a number do, we can ^{average} arrive at the general in the office. In making your report, it would be well to draw attention to the matter, in case you are compelled to adopt this course.

Very truly yours,

1883-07-19

July 19th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury; Pa.

Dear Sir:-

Referring to your favor of the 16th. inst, my intention is that the omnibus should be dead ground, whenever you are not running, that is when the engineer shuts off his lights at night, he should ground the omnibus mains, storm or no storm, then when he starts up again, he should take the ground off. Then should the storm appear whilst the lights are running, you should ground through the resistance.

Very truly yours,

1883-07-19

Edison, T.A. -
- Personal
- Family

July 19th.

3

R. H. Southgate, Esq. Prop.

Long Beach Hotel,

Long Beach, - J. I.

Dear Sir:-

Please reserve suit of three rooms, fronting on the sea, for the first Saturday in August, for Mrs. Edison, her sister and my daughter. They will probably require the rooms for about a week. Kindly let me know for return, whether you can do this.

Very truly yours,

1883-07-20

July 20th.

3

A. B. Johnson, Esq.

Utica, N. Y.

Dear Sir:-

I am in receipt of your favor of the 19th. inst. \$5,500 seems to me quite a large sum to pay for a lot for your central station. You people must be rolling in wealth. My impression is that we should not pay more than 25,000. for the lot we want. Can you not get a lot within the area marked, for about this amount?

Very truly yours,

1883-07-20

July 20th.

3

William Folger, Esq.

Edison Lamp Co.

East Newark, N. J.

Dear Sir:-

I have received a good many complaints from the Lamp Factory with relation to your action there. There does not seem to exist that harmony which is essential to the successful conduct of the business. You must remember that I hold Mr. Upton legally responsible for the running of the business, and that he is the "boss", as long as he holds the position of General Manager.

He has complained to me of your answering letters, addressed to him, and which you took from his desk. If you will stop to think a moment, you will see that this was not the proper thing to do.

I also learn that Bradley is dissatisfied with some action you have taken. You know that it is my desire that all should work in harmony for our general good, and I hope you will try and foster a good understand all around, and not perform such acts as will lead to internal quarrels, as if such a course is pursued, it will only end, in time, in ruining the business.

1883-07-20

2

Personal feelings should not interfere in any manner whatever with purely business transactions.

Very truly yours,

1883-07-26

July 26th. 8

G. W. Wilbur, Esq.

Hartford, Conn.

Dear Sir:-

I have informed Messrs. Harris & Robinson, that there is no objection to your canvassing Southington on your way from Danbury to Worcester. Not being sure whether I would reach you by writing you to North Adams, I send this letter to Harris and Robinson, to hand to you.

I have received your letter of the 18th. inst. and am obliged for the information contained therein, and am also glad to hear of the progress you are making.

Very truly yours,

1883-87-20

July 20th.

3

Spencer Borden, Esq.

P. O. Box 2311,

Boston, Mass.

Dear Sir:-

I have your letter of the 15th. inst, and will have the towns of Hatick and Malden canvassed as you request.

I am very much obliged to you for your suggestions in relation to the bearings of the U. S. dynamo. I have sent your letter to Mr. Dean, and when I receive his comments on it, I will write you further about the matter.

Very truly yours,

1883-07-20

*U. S. -
England*

July 20th. 3

Messrs. Arming & Sons,
Providence, R. I.

Dear Sirs:-

I have just telegraphed, asking when the London engines will be shipped, but doubt very much whether you will receive the telegram before you receive this message. If you do, however, I trust you will answer it immediately. If you have not received the telegram, however, please wire and write me immediately on receipt of this, stating exactly when you will ship the two 13 x 15 engines to the Criterion Theatre, London, as I have this morning received a cable despatch from London, making urgent inquiry about them.

Very truly yours,

1883-07-24

... of the land for the central station, as we have no information on that point in the office.

Very truly yours, July 24th. 8

Sponcor Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Enclosed please find statement of profits for 4,800 lights for Fall River. I will have the statement made out on the same capitalization, but assuming that only 3,200 lights out of the 4,800 lights would be used. This I will send forward to you to-morrow. The statement, enclosed herewith, is almost on the same basis as that of Lowell. I have put the capitalization at \$115,000, thinking that this would be ample for all the requirements of the business. I could not enter the amount for the purchase of the land for the central station, as we have no information on that point in the office.

Very truly yours,

Enclosure.

1883-07-24

July 24th. 3

A. A. Coulter, Esq. Secty.

Annonia Brass & Copper Co.

19 Cliff Street, City.

Dear Sir:-

On the 15th. June, we sent you an order for copper rods and also another order on the 27th. June.

On the first order sent you, Mr. Krueger has only received up to this time, something less than one half of the total order; on the second order sent you, he has received no copier whatever.

The delay in delivery is causing us very great trouble indeed, and entirely disarranging our work in getting our central stations started, for which this copier is required. Cannot you by some extra effort get these two orders filled immediately.

I may state that this delay is causing us very great inconvenience all round. It effects our business very seriously, and prevents our closing further contracts, as our friends got the idea that we cannot deal with this character of work, as promptly as we gave them to understand in the first instance. This delay also seriously effects us, inasmuch, as owing to our inability to get copier rods promptly, we are ~~unable~~ to carry other material for a very much longer time than we had at first anticipated, and we therefore find ourselves in the position of not being able to

1883-07-24

2

to deal with, but as soon as we have got something that will answer the case, we shall put into use. I cannot see how matters can be mended by your Company employing Mr. Story or any one else to do the wiring. I know that it cannot be done any cheaper with the material at present being used, as I have gone very thoroughly into the matter of the cost of labor and material used at Sunbury. I cannot send you a ~~competent~~ man to deal with this business, without calling upon Messrs. Bergmann & Co. to supply me with one. The way in which I propose to deal with it, was to have Bergmann & Co.'s Wiring Department do the wiring in the first case and then by the time they got through have a local man taught to do the work, and such a man should be obtained for considerably less than could Mr. Story.

With relation to the complaint you make against our men, I have inquired into this matter, and I find that only in one case was a telephone wire cut, and this was in connection with the inside work. It was cut whilst running our pole lines, and as soon as it was pointed out to the foreman that he had cut a "live" wire, he had it repaired.

Would it be too much to ask you to communicate with me, before your Board again takes such a decided course as they have in the present instance, as it has been my especial study to make

1883-07-24

3

myself familiar with the requirements of an electric light system,
and from my experience I must of necessity be better acquainted
with those requirements than your Board, which is entirely new to
the business, can possibly be.

Very truly yours,

1883-07-24

Brockton

July 24th. 8

Spencer Bowden, Esq.

P. O. Box, 3311,

Boston, Mass.

Dear Sir:-

Mr. Rich, our Superintendent, has been here to-day, on his way to Brockton. He informs me that his part of the work will be through there somewhere about August 15th.

As soon as he has attended to some necessary matters in Brockton, he will go to Lawrence to find out the exact state of affairs there, and push the work forward at the same time that he is working in Brockton.

Cannot you arrange to have the Lowell, and if possible the Fall River business closed up, as we could work those two places to very great advantage. If we could start work on them at about the time that Mr. Rich gets through at Brockton. This would give you four central stations running in your territory by the Fall.

Mr. Hanington is now in Haverhill locating the pole lines there, as I presume you are aware, as it was his intention of calling on you on Monday morning. Immediately he gets back, we will get the estimates for Haverhill out.

We are now waiting to receive from you the position of

1883-07-24

2

central station lots at Norwich, Conn. I got a note from Mr. Hodgkinson this morning, stating that he would attend to this matter this week. If you can hurry matters forward there, we shall be glad.

We have in the office canvassers of Pittsfield and North Adams, Mass., and we will endeavor to send you a map of each of these by Saturday, so that you can choose the position of the central station at those two places.

Do you require Natick canvassed before Worcester? If so, please let me know by return.

The towns of Palmer, Spencer, North Brookfield and Westboro have been entered for canvassing, and unless we are advised from you to the contrary, your canvasses will run in the following order:-

Worcester will be started, in all probability, next Monday, then will come Natick, after that the towns referred to above, in the order in which they are named. Does this accord with your wishes in the matter? If not, please let us know, and we will make such alteration as you desire.

The Portland canvass will have to be made entirely new. I am trying to arrange to send a canvasser there, specially to do the work. The only man I have available is in Louisville at

1883-07-24

-3

the present time. He has got two towns to canvass, as he comes North, and I think he will get to Portland about two weeks from this date. If I can possibly arrange to send a man to Portland earlier, I will advise you.

Mr. Rich spoke to me with reference to Mr. Samuel Elliott, and his brother, Mr. George Elliott, of Doverhill, both men of considerable property. Mr. Samuel Elliott is a personal friend of Mr. Rich, and he thinks that Mr. Elliott would go into the local company, if properly approached. If you feel so inclined, you might communicate with Mr. Rich, whose address is Hotel Palmer, Brockton, on the subject.

Very truly yours,

1883-07-24

Patents

July 24th. 33

J. W. Sarroll, Esq.

140 Nassau Street, City.

Dear Sir:-

I wish to have the telephone case appealed to the Board, so please enter the appeal. I desire to have Mr. Roseco Conkling argue the case with you. Shall I communicate with him or will you?

With relation to the Edison-Konny French patents for fac-simile telephones, I have written to Mr. Hatchelor, in Paris, concerning the matter, and have left it to him as to whether to pay the fees or not, after making certain inquiries for me. In the event of his deciding to pay the fees, he will doubtless communicate with Mr. Brandon direct.

Very truly yours,

Railroad Electric

1883-07-25

July 25th.

3

A. A. Covles, Esq. Secy.

Ansonia Brass & Copper Co.

10 Cliff Street, City.

Dear Sir:-

I beg to enclose you letter from Mr Frank B. Rao with relation to wire required for the electric railroad exhibit at the Louisville Exposition. This letter explains the telegram I sent to you yesterday. As I before stated, you must use your own discretion as to filling the order, and further, that I can take no responsibility whatever in connection therewith.

Very truly yours,

Enclosure.

1883-07-25

Indian & Colonial

July 25th. 8

Thomas Fotherman, Esq.,

22 Old Broad Street,

London, E.C. England.

Dear Sir:-

You will on presentation of this letter by Major Samuel Flood Page, of London, cause all the shares of the Indian and Colonial Company, Limited, now held in your name for us, or for Messrs. Saberi and Wright, of this firm, to be transferred to Major Flood Page and yourself jointly, placing the name of Major Flood Page first in the registry, in order to give him the right of voting.

You will also please prepare and sign with Major Flood Page, a joint letter similar to the one asked for by our letter of , showing that the said shares are held in trust, and transmit the same when signed to us.

You will at the same time receive from Major Flood Page a letter signed by him, a copy of which is herewith enclosed.

Yours very truly,

1883-07-26

Battery, Storage

July 26th.

3

Oscar O. Friedlaender, Esq.

137 Duane Street, City.

Dear Sir:-

Referring to your letter of the 23rd. July, I beg to inform you that I have no belief in storage batteries, so far introduced.

If your brother has discovered something in them, it will undoubtedly be thoroughly tested at the Vienna Exposition, and from those tests I can probably tell what value such an invention would be to my Company.

Very truly yours,

El. St. -
Foreign

1883-07-26

July 26th.

3

Charles Hatchelor, Esq.

Paris, France.

My Dear Hatchelor:-

In further reply to your letter of the 5th.

July, I beg to state that stocks here are very low. Just now Parent stock is quoted at \$285. to \$275.; Isolated stock \$115. to \$125.; for Illuminating and European there seems to be no demand in the market. I tried some time ago to borrow money on Edison stocks and found it impossible to do so. If you wish me to sell any stock, I will of course attend to it and get you the very best prices, but it is a terrible bad time to do anything of this character. I cannot assign any reason for this wretched state of the market, as our business is just booming.

Our collections at the central station for the month of July amounted, up to tonight, to \$5,080.. \$500. will be added on to this before the month closes.

Our village plant work is going ahead splendidly.

When I have a little time, within the next few days, I will write you fully in regard to matters, and explain everything to you.

Very truly yours,

1883-07-26

July 26th. 3

Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

I feel disappointed at getting your letter of the 21st. inst, stating that you cannot ship the first engine to London before next Saturday. We are under time contract to finish our work there, and would urge upon you to use every possible endeavor to push the engines through.

Very truly yours,

1883-07-26

Catonsville

July 26th. 3

H. A. Clark, Esq.

5 Moon Building,

Baltimore, Md.

Dear Sir:-

Your favor of the 23rd. came duly to hand.

We have got two men canvassing south of Maryland.

As they come north, one or the other will go to Catonsville.

I will let you know within three or four days how soon the work will start there.

Alborton estimate will be ready in the course of three or four days. The map has been sent to Menlo Park to have the conductors electrically determined, and as soon as this work is done, we can get out the estimate very quickly.

We want lot, either C or D, situated on Ninth Street, Erie for the central station there. Will you please find out absolutely whether one or the other of these can be obtained?

Erie estimate cannot positively be got forward until we are able to send a man there, to see where we are to run our overhead conductors. This we find necessary from our experience at Sundry. We are not losing any time on these matters, but progress is of necessity slow.

Very truly yours,

1883-07-26

July 26th.

A. Stuart, Esq.

36 West Front Street,

Cincinnati, Ohio.

Dear Sir:-

Your favors of the 17th, 19th, and 23rd. came duly to hand.

With reference to the photograph of myself, I am entirely out of photographs at the moment, but will get some in the course of a day or so and send you one. I will also send you a large photograph of myself for your office.

The photograph of the dynamo which you will mainly use, known as the H machine, has not yet been taken. I think this would be the best one to have on your certificate, and I will have a photograph taken and sent forward to you.

I shall be very much pleased to have Mr. Dyer correspond with you as to his whereabouts and the progress of his work. I do not know exactly where to write to him at this moment, and I will therefore be glad if you will write to him and say that it is my desire that he should keep you posted from time to time.

The letter as to the contract work shall be sent forward to you by to-morrow's mail.

The canvass of Hamilton came in late last night.

1883-07-26

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It is impossible at this writing to forward you a rough estimate, but immediately the estimate is mapped out, I can do so. I shall make an effort to have this rough estimate leave my office not later than Saturday, and, if possible, at an earlier date.

As soon as the map is made, I will send you a copy and mark the area in which the central station should be located. You can then see about getting a lot for the purpose. You may rest assured that we will push Hamilton forward as quickly as possible, as we feel with you that it is of vast importance that this plant should be got under way quickly, it being your first town to be lighted.

Very truly yours,

1883-07-26

July 24th.

3

P. B. Shaw, Esq.

Willimansport, Pa.

Dear Sir:-

I have your letter of the 24th. July, and am extremely surprised to hear from you that the work at Sunbury has been so very unsatisfactory, inasmuch as in your previous letter you referred to it as being very satisfactory, with the exception of the inside wiring, and Mr. Frank J. McConnick, the President of the Company, also writes me that with the exception of the inside wire work, the whole plant is running very well.

The action taken by the Sunbury Company, and also by the Shamokin Company, is identical, namely, to get a man from us to do the wire work. I conclude therefore that this action has been taken on your advice, and I regret to state that I do not consider such action well advised.

I spent quite some time at Sunbury in studying the requirements of a small town in connection with every branch of our system, and I am, consequently, very well posted on what is necessary, and what requires improvement.

The Boards of Directors of the Shamokin and Sunbury Companies have given no such attention to these matters, and I think that before taking the course they did, they should have asked my advice in the matter.

1883-07-26

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Immediately I got back from Sunbury, I started Mr. Johnson in experimenting with a view to cheapening the inside wire work and the fixtures, and I have seen a fixture to-day, wired and with sockets on, which Mr. Bergmann informs me he will be able to sell for about \$2.. This fixture is very much better than the average fixture I saw at Sunbury. Mr. Johnson is also paying attention to getting up a cheaper system of inside wiring, and I anticipate we shall get very good results in this direction as well. Sending you a man to do this work will not cheapen it, inasmuch as it is impossible to cheapen it as long as the labor and material now required are necessary. It was my intention that Messrs. Bergmann & Co's Wiring Department should instruct some local man in each town, how to do the inside wire work, so that when they leave, there will be some one left in the town to do the work properly. I have no man that I can supply to the Shashkin Company, nor do I think that any advantage would be gained in supplying such a man, if I had one.

You asked me what I would suggest to counter-act reports of the unsatisfactory character of the work at Sunbury. In reply I would say, please communicate with me before endorsing these reports, by proposing some new course of action.

As to the lightning, that trouble has been fixed.

1883-07-26

3

Mr. Andrews has got at Sunbury now everything that is necessary
to prevent any further trouble in the future.

I am very sorry to hear that you have been sick, and
hope that you will be all right again.

Very truly yours,

1883-07-26

Lumbury

July 26th.

P. B. Shaw, Esq.

Willisport, Pa.

Dear Sir:-

I am in receipt of your favor of the 23rd. July.

We are now engaged in endeavoring to cheapen inside wiring, and I think we shall obtain good results and be enabled to do this class of work very much cheaper very shortly. I am strongly of the opinion that the method pursued at Lumbury should be generally adopted, as to inside wiring, as otherwise half the expense will be "saddled" on our local companies in connection with this kind of work. This opinion is obtained from wide experience in connection with the down town district.

Very truly yours,

1883-07-26

July With. 3

Frank H. McCormick, Esq. Presd.

Edison Electric Illuminating Co. of Sunbury,

Lock Box 2, 823,

Williamsport, Pa.

Dear Sir:-

I am in receipt of your favor with relation to the action taken by your Company, in connection with the inside wiring at Sunbury. I think that your Directors were not well advised in pursuing the course they have in relation to this matter, and would point out to you that it would have been better for them to have consulted me first as to it, inasmuch as I had taken the trouble to go to Sunbury, and spent upwards of a week there, and had consequently made myself thoroughly familiar with the requirements of the case. I was perfectly aware, before I left Sunbury, that our wiring was too expensive for small towns like Sunbury.

This experience, however, could only be obtained by actual work.

Immediately on my return, I started my assistant, Mr. Johnson, experimenting with a view to getting up a cheaper method of wiring and cheaper fixtures, to comply more closely with the resources of our consumers. This work is now going forward, and Mr. Johnson has already obtained excellent results. So far as fixtures are concerned, the wiring will take a little longer than

1883-07-26

Mr. Johnson is now occupied the whole of his time in getting up a cheaper system of inside wiring, in order to remedy the defects, the seriousness of which I fully recognize, and did so in fact within a day or so of my arrival in Sunbury. Sending you a man to do this work will not cheapen it, inasmuch as it is impossible to

cheapen it as long as the labor and material now required are necessary. It was my intention that Borgmann & Co's Wiring Department should instruct some local man in each town, how to do the inside wire work, and also the fixtures.

Since then, he and I have been incessantly engaged upon this work, and we have already gone a long way towards cheapening up the work referred to. I have to-day seen a two light chandelier, fixed and with sockets complete, which Mr. Borgmann informs me he will be able to sell for \$2. This fixture is very much better than the average gas fixture which I saw at Sunbury. This chandelier can be enlarged for any number of lights, that may be desired, from one fixture, at the rate of \$1. per light.

Mr. Johnson is now occupied the whole of his time in getting up a cheaper system of inside wiring, in order to remedy the defects, the seriousness of which I fully recognize, and did so in fact within a day or so of my arrival in Sunbury. Sending you a man to do this work will not cheapen it, inasmuch as it is impossible to cheapen it as long as the labor and material now required are necessary. It was my intention that Borgmann & Co's Wiring Department should instruct some local man in each town, how to do the inside wire work, so that when they leave, there will be some one left in the town to do the work properly. I have no man that

1883-07-26

3

I can supply to the Sharokin Company, nor do I think that any advantage would be gained in supplying such a saw, if I had one.

You asked me what I would suggest to counter-act reports of the unsatisfactory character of the work at Sunbury. In reply, I would say, please communicate with me before endorsing those reports, by proposing some new course of action.

As to the lightning, that trouble has been fixed. Mr Andrews has got at Sunbury now, everything that is necessary to prevent any further trouble in the future.

I am very sorry to hear that you have been sick, and hope that you will soon be all right again.

Very truly yours,

1883-07-26

July 26th.

3

W. J. Curd, Esq.

Sarnia, Ont.

Dear Sir:-

Referring to your letter of the 21st. July, I beg to state that I do not think independent dynamos for private lighting would be at all good in general practice. So far as small dynamos are concerned for telegraph purposes, I think they would be far more reliable and superior than a battery, and that a cheap little motor would doubtless be very salable.

Very truly yours,

1883-07-26

July 26th. '83

Hon. Roscoe Conkling,

2 Wall Street, City.

My Dear Mr. Conkling:-

You may doubtless have noticed the recent decision given by the Primary Examiner in the Patent Office, on the various applications for patents in connection with the telephone. I propose to appeal my cases to the Board of Examiners, and I should very much like to have you argue the appeal.

I understand from my Patent Attorney that there is about sixty days allowed us to give notice of the appeal, so that the matter would not require your attention just at present.

Will you please let me know if you will be willing to act for me in this matter.

Very truly yours,

1883-07-26

Edison, T.A. -
Personal

July 26th. 3

R. H. Southgate, Esq.

Long Beach Hotel,

Long Beach, L. I.

Dear Sir:-

I have your favor of the 20th. inst, and note that you have booked a suite of rooms for my family for August 6th. inst.

Very truly yours,

1883-07-26

July 26th. 3

Societe Electrique Edison,

Paris, France.

Dear Sir:-

I am in receipt of your favor of the 12th. July.

Our business has increased so enormously in this country, that we are taxed to the very utmost to supply men for our own work, and it is quite impossible for me to send you a man for the Gorman Lamp Factory at present. I regret this very much indeed, and I would suggest that you communicate with Mr. Batchelor with relation to a man for the position you propose.

Very truly yours,

1883-07-26
July 26th.

3

C. W. Rogers, Esq.

Hills Building, City.

Dear Sir:-

I received your favor of the 21st. inst.

My correspondence with relation to the electric railroad at Fairmount Park, should be addressed to Mr P. B. Shaw, Willicaspott, Pa.

Mr Shaw has taken a great deal of trouble and occupied no small portion of his time in connection with this matter, and it was of course understood that if the scheme went through, he should be reimbursed in the way of commission, the exact amount of which was never decided on.

Very truly yours,

1883-07-26

July 26th.

3

C. E. Rosap, Esq.

104 Georek Street, City.

Dear Sir:-

I return you herewith statement of the Southwark Foundry & Machine Co., and have the pleasure to inform you that the General Manager of that Co. agreed to compromise the bill for \$5,000., which Mr Edison and myself think very satisfactory.

Will you please let me know when the Porter engine, now being erected at the shop, for test purposes, will be ready to run, as the Southwark people are very anxious to send over and put the engine in perfect condition.

Very truly yours,

1883-07-26

July 26th. 8

Spencer Jordan, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Referring to your letter, as to the memorandum on Louisville, I beg to return you the memorandum signed by Mr. Edison.

Mr. Edison has some criticisms to make in connection with this work, said criticisms, however, are on questions of opinion.

I think the best way would be to leave it until you are here sometime, and then I will remind him to explain to you his idea with reference to the question of fast and loose pulleys vs. clutch pulleys.

Very truly yours,

Enclosure, h.

1883-07-26

July 26th. 8

Charles S. Bradley, Esq.

257 Pearl Street, City.

Dear Sir:-

Referring to your favor of the 22nd inst, it would be very troublesome and costly to do what you propose. I am endeavoring, however, to achieve the same object by means of the brushes themselves.

Very truly yours,

1883-07-26

July 26th.

3

George H. Bliss, Esq.

Chicago, Ills.

Dear Sir:-

I am in receipt of your favor of the 23rd. inst, and in reply would beg to state that it is impossible to give you a rule for calculating the three wire system. All the houses are wired on the two wire system, and the system of conductors determined at Menlo Park for the three wire system. I do not think this work could be done by you in Chicago. We have even calculated at Menlo Park the conductors for central stations in Europe.

All you please let us have a list of the towns you want canvassed, after Mr Cooke gets through them he is now working on.

I would refer you to the Isolated Company for particulars as to dynamos, as to data for figuring on the cost of central stationwork. The material that I use is of standard character, and can be figured on by any one acquainted with the prices of supplies.

Very truly yours,

(883-07-26

July 21th. 3

A. B. Johnson, Esq.

Utica, N. Y.

Dear Sir:-

Will you please let us know the exact position where the Charlotte Street lot joins the Post Street lot. You will see from the enclosed sketch what we require. Please have the measurements made, fill them in, and return sketch to us by return mail, if possible.

Very truly yours,

Enclosure, j.

1883-07-26

July 26th. 3

W. J. Jenks, Esq. Manager,
Edison Electric Illuminating Co.
Brockton, Mass.

Dear Sir:-

I have your letter of the 20th. inst, and am obliged
for the explanation with reference to the articles which have
appeared in the "Review".

I do not know of any work containing information with
relation to methods for measuring arc lights. If you will com-
municate with Mr. C. E. Spiera, of Van Nostrand's, 23 Murray Street,
N. Y., he will, I have no doubt, be glad to hunt up any books for
you on this subject. You might mention my name in writing to him.

Very truly yours,

1883-07-26

July 26th. 3

Charles L. Doan, Esq.

104. Goreck Street, City.

Dear Sir:-

I have got an inquiry for a photograph of the H machine. Have you had one taken yet? If not, when can you let me have some photographs?

Mr. Edison asked me last night whether you had shipped the first model of the 100 light machine. It is the one he intended you should send to Philadelphia, I think, for the Isolated Company.

We have just received word from Major Eaton, that we shall receive an order, within a day or two from them, for the following machines:-

10---25 light machines.

10---50 light machines, and

10---300 light machines.

Very truly yours,

1883-07-26

July 26th. 3

H. H. Boulleday, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

Referring to your favor of the 11th inst., you are a little behind in your idea as to using four wires instead of three. We have tried it and find that the greatest saving is with three wires. With four wires you do not make ^a proportionate saving. Mr. Fernal went into the matter very elaborately, and made tubes with four wires, but we dropped it because of there being too many dynamos and not enough saving.

I understand that you were paid by the Isolated Co. \$75. a month. I will allow you the same salary and \$2.50 a day hotel expenses, while you are out on the road on my work, and I will also allow you your travelling expenses.

In all probability I shall want you to go to Louisville, but will let you know as to this later.

Very truly yours,

1883-07-26

July 26th. 3

Stephen D. Field, Esq.

Commercial Telegram Co.

120 Broadway, City.

Dear Sir:-

I have your memorandum as to wire for the Bullsville Exposition. I turned Mr. Rao's letter on the subject over to the Ansonia Brass & Copper Co., and I understand that they are filling the order. You can, however, easily find out by communicating with them.

Very truly yours,

1883-07-26

July 26th. 3

C. E. Spiers, Esq.

Care D. Van Nostrand,

23 Murray Street, City.

Dear Sir:-

Mr. Edison desires you to enter his name as a subscriber for the "Compton Random", and he especially wants the copy containing the experiments of Transcott, referred to in my letter of the 18th..

I do not require any of the phonograph books and publications you refer to.

Very truly yours,

1883-07-27

Telegraph -
Gen.

July 27th. 3

W. J. Haysler, Esq.

Deutsche Edison Gesellschaft,
88 Leipziger Street,
Berlin, Germany.

Dear Sir:-

I did not have time, before leaving London, to reply to your letter in detail. I came away very hastily. I find everything in America "booming".

Kerstan has very nicely finished your order, and I have spoken to him about keeping you supplied, from time to time, with the newest forms of the various devices we bring out. Be sure you make your sockets with the spring contact, instead of the solid base. It is a very great improvement.

Sorry I forgot to send you the telegraph code book from London.

I have given Mr Edison to understand that you have at last settled in the right place, and that he may expect to hear good accounts of you.

I quite understand your feelings in regard to English matters, but am very well satisfied, on your account, that you are

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out of that crowd. There will be a consolidation there without doubt, and advises indicate that no central station will be started for a very long time.

I suppose Mrs. J. answered you in acknowledgement of the handsome portraits you sent her, as they are very beautiful, and she is very proud of them. She is very happy in her new home. I have everything fixed up very nicely, but am waiting for the gas engine.

I am going to Louisville in a few days to start a plant of 1000 lights.

Will write you from time to time, as I find a spare moment.

All send regards from home.

Yours sincerely,

1883-07-27

July 27th.

3

J. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Both Mr. Edison and myself have been so busily engaged within the last week, that it has been quite impossible to answer your several letters. I now take them up and answer them seriatim. Yours of the 18th. to myself. We requested Messrs. Borgmann & Co. to forward the safety plugs to Sunbury, and they have advised us that this has been done. All the old plugs should be taken out and the new ones substituted.

The pressure indicator has required a great deal of experimenting, but I am glad to say that it is now completed, and will be shipped to you by to-day's express. Will you please return the other indicators you now have, so that they can be altered over to comply with the ones sent you to-day.

Yours of the 20th. to Mr. Edison. The wiring at Sunbury has been a constant topic of conversation and thought, both with Mr. Edison and Mr. Johnson, since the former's return from Sunbury. Mr. Johnson is now engaged in chiseling up the wiring itself, and this will in all probability be done by putting two wires together, covered in almost the same manner as the present Ansonia wire is covered, and making a cable of the two. If you have any

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ideas on this subject, Mr. Edison would very much like you to mention them to him, and you might communicate this fact to Mr. Doubleday.

Messrs. Benjamin & Co. have already got a two light chandelier up, with sockets on and everything ready to screw on, which they think they will be able to sell for \$2.. It is a fixture which is entirely superior to any of the gas fixtures which are in general use at Sunbury.

Yours of the 20th. to Mr. Edison. You had better send back the plug switches, which you state are entirely too good for use in connection with the lightning arrester.

Yours of the 20th. to Mr. Edison. With reference to the questions you raise, he wishes me to state the following:-

It is essential that if the spare machine is put on one side, then the two boxes must be regulated simultaneously on that side, as you cannot raise the volts of one machine on that side without running the other machine on the same side as a motor. Suppose you had five machines on the A ~~xxxxxxx~~ side and five on the B side of the field resistance, the one side must be worked simultaneously on all the dynamos on that side, if you desire to vary the volts. Now in "Hell", under such circumstances, could you have separate boxes, and yet work the resistance for one side altogether.

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July

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The banks of resistance have been ordered and sent to
Shenokin.

Yours of the 21st. and 22nd. do not seem to require answering,
except to acknowledge receipt of your statement of accounts.

Your letter of the 23rd. inst. is to hand. The ten double
plug switches, that you received, were to be used on the board of
lost lamps. The six single switches, consequently, sent you, and
which are somewhat larger than the ten, are for use with the
lightning arrester.

We cannot understand how it is there has been such a
heavy breakage of lamps since the plant started. From your
return, you only show 217, whereas 250 were sent. Will you please
let me know about this, so that I can make claim against the Lamp
Co. for lamps, for short shipment.

Please re-ship the house changing switches, which you
now have at Sunbury, as Mr Edison states that they are of no use.

Very truly yours,

1883-07-27

July 27th.

3

Arnold White, Esq.

Edison Electric Light Co., Limited,

74 Coleman Street,

London, E. C. England.

Dear Sir:-

I have the pleasure to acknowledge receipt of your favor of the 12th. inst, explaining the various matters in dispute between us, as to my account current with you.

I beg to hand you herewith statement showing \$2,180.50 due to you. This amount of course will be altered by the shipment of the Arrington engines early next week.

Very truly yours,

Enclosure.

1883-07-27

July 27th, 3

G. W. Wilbur, Esq.

Turner House,

Danbury, Conn.

Dear Sir:-

Your two letters of the 23rd and 24th. inst came to hand and we have the pleasure to enclose you herewith check for \$107.06.

Where you are in a town Saturday or any night where the stores burn later than ordinarily, you should ascertain, by asking the consumers, exactly how late they burn their lights on such special nights, and the number of lights they burn.

Your explanation as to Hartford canvass gives us what we want.

From Worcester you are to go to Natick. After that we will give you the towns that are to be canvassed.

We presume you have received our letter, requesting you to canvass Southington, before going to Worcester.

Very truly yours,

1883-07-27

July 27th.

3

C. A. Benton, Esq.

Delavan House,

Albany, N. Y.

My Dear Benton:-

Please correct question 13, in the questions I gave you, make it read "Double the weight of copper" instead of "four times".

I have your letters and papers, and without replying to you direct, have put matters in the shape that you desired them. Let me hear from you.

Yours hastily,

1883-07-27

July 27th.

3

Spencer Gordon, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Please find enclosed herewith statement of profits for Fall River, worked out on the basis of 3,200 lamps, on a capitalization of \$100,000.

Very truly yours,

1883-07-27

July 27th. 3

J. F. Bailey, Esq.

Paris, France.

My Dear Bailey:-

I left London very suddenly, on account of the sudden change of base there, of which you have doubtless already heard, i.e. the proposed amalgamation with Swan. I came with the terms to Mr Edison, who has, very reluctantly it is true, but nevertheless practically assigned to them. You may therefore look upon the matter as settled. We are stipulating for certain conditions, which will render the effect of such consolidation less injurious to our other interests. I am not sure that it would be a wise thing for you to show the English opinions to your people, inasmuch as the patents in England are weaker than elsewhere.

I brought the Norway-Sweden contract with me. It is now in Mr Edison's hands. I have advised him and Mr Fabbrì to execute it as it is, and return it to you. It will be attended to.

In regard to your big scheme, I find that Edison's principal feeling is that you will not be able to get the money. I learn from other sources, that you now contemplate an arrangement, which will give to the Edison Electric Light Company, of

Europe (New York) no cash. I am afraid you will have difficulty in putting this through. The very proposition confirms an opinion which is prevalent, and which Batchelor gave you with such frankness in my room at the Royal, namely, that your terms start well, but rapidly dwindle.

I find things in America "booming".

I go to Louisville in a day or two, to start up a 5000 light plant, the largest electric light plant ever created.

The central station in New York is rapidly assuming a more satisfactory condition. The superintendent normally in charge was a failure from every point of view. A new man has been found, and is working wonders. The collections this month are over \$5,000. There is no doubt at all that before the first of January, the first station will be able to show very handsome earnings, notwithstanding its extraordinary cost. The demand for the light, and the satisfaction it gives has so far improved, that we are now brought face to face with the necessity for increasing the capacity of the station.

Hastily yours,

(883-07-27)

1883-07-27

July 27th. 3

A. Stuart, Esq.

50 West Front Street,

Cincinnati, Ohio.

Dear Sir:-

Mr. Dyer informs us that it is often very inconvenient for him to get a check cashed in the small towns that he visits.

Would it be too much to ask you to advance him, on our account, amounts not exceeding \$50. a week, as he may call for the money? If you would be willing to do this, we would remit to you a check immediately you advised us that you had made the payment. This would greatly oblige us and save Mr. Dyer some inconvenience.

Very truly yours,

1883-07-27

July 28th.

P. B. Shaw, Esq.

Williamsport, Pa.

Dear Sir:-

I enclose you herewith two copies of the report on the Maxim light. This is a strictly confidential report for the use of agents, and Mr. Edison says that I must not send a copy to Mr. Shaffer, as it would bring the Light Companies into trouble, if such a report was generally circulated.

Very truly yours,

1883-07-27

July 27th.

3

Sidney B. Paine, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

You are quite right. Confusion in respect to the fact and my basis of calculation led me into the error. I have asked Mr. Benton to correct the question, so as to make it read "double the weight of copper". In point of fact, however, the Maxim pump does take four times the weight of copper. Thanks for the correction.

I have a copy of your letter to Major Eaton in regard to the Maxim plants. Always glad to hear from you.

Very truly yours,

1883-07-27

July 27th. 3

Thomas P. Conant, Esq.

City Hotel,

Sunbury, Iowa.

Dear Sir:-

Your letter of the 19th. July came duly to hand.

The trouble with the plugs had already been discovered, and fresh ones sent to replace the old ones.

Will you please report to us twice a week, at the least, as to the number of meters you get installed.

Very truly yours,

1883-07-28

July 28th.

3

William Hodgkinson, Esq.

Agent, Edison Co. for Isolated Lighting,

Room 2, Board of Trade Bldg.

Providence, R. I.

Dear Sir:-

I have the pleasure to acknowledge receipt of your favor of the 27th. inst, with tracing of map of Providence. This will be quite sufficient for our purpose, and we are very much obliged to you for the great trouble you have put yourself to in getting this.

Very truly yours,

1883-07-28

July 28th.

Paul D. Dyer, Esq.

United States Hotel,
Middletown, Ohio.

Dear Sir:-

I am in receipt of your favor of the 26th. inst.

The map of Middletown went forward yesterday. I am
trying to arrange so that you can draw on Mr. Stuart for your
expenses, to save you trouble in getting checks cashed. I will
let you know about this by Monday or Tuesday.

Very truly yours,

1883-07-28

July 28th.

3

My Dear Waterhouse:-

I have yours of July 18th. It arrived just as we were preparing a letter in regard to amalgamation which went forward by Wednesday's mail. It is needless for me to add that that letter is the result of my best efforts and those of Messrs Drexel, Morgan & Co., and that Mr. Edison has only reached his decision after the most thorough and exhaustive discussion of the whole subject. I need not go into the matter. The letter fully explains his own views. I have been very busy since my return and have been compelled to "sandwich" English matters between home matters inasmuch as so much was waiting for me that I was compelled on the next morning after my return to immediately take hold of business here. Notwithstanding I think you will find that the situation as it exists in England is pretty well understood here. I shall be glad to hear that your holiday has been profitable in every sense. It will afford me great pleasure to hear from you whenever you have the time to write me.

Very truly yours,

1883-07-28

July 28th.

3

The Armington & Sims Co.

Providence, R. I.

Dear Sir:-

I am in receipt of your favor of the 27th. inst.

I shall hope to hear, on Monday morning, that you have shipped the first engine, for London, to New York. You must not fail us in getting forward the second engine by next Wednesday, the time you mention.

Very truly yours,

1883-07-28

July 28th.

3

R. B. Southgate, Esq.

Long Beach Hotel,

Long Beach, N. I.

Dear Sir:-

I am in receipt of your favor of the 27th. inst, and beg to state that my family will be at your hotel on Saturday the fourth, as originally mentioned to you.

Very truly yours,

1883-07-30

July 30th.

T. W. Dooty, Esq. Pres.

Edison Electric Ill. Co. of Shamokin,

Shamokin, Pa.

Dear Sir:-

I am in receipt of your letter of the 25th. inst. and I also received your telegram on Saturday but refrained from answering that until the receipt of your letter explaining. I am very sorry you should have any trouble with relation to putting up the poles. I would remind you however that should any delay be caused which keeps the men in idleness whom we have contracted with to do that work we shall be compelled to charge your company with the extra cost as the understanding was that your company was to obtain the permit to put up poles. With regard to painting the poles I have no recollection whatever of undertaking to do this work. If such had been the intention it would have been included in the contract with you. If you desire the poles painted I will have it done but shall have to charge you for doing the work as Bergmann & Co. as Bergmann & Co. who are putting up the pole lines did not contract to do that work with me and I should have to pay extra for it if I called upon them to do it.

Very truly yours,

1883-07-30

July 30th.

N. S. Andrews, Esq.

Dear Sir:-

I have your telegram of this date from Shenokin. Mr. Edison cannot understand why you want 10 candle lamps. The 10 candle lamps have been ordered forward some days and Mr. Upton has promised to send them by express to-day without fail. You of course understand that if people use 10 candle lamps their bills will be considerably higher than if they used 10 candle. If it is clearly understood by the consumers that such is the case and they are prepared to pay the extra cost we will send the 10 candle lamps forward. Please advise me as to this.

Your favor of the 25th. inst. was duly received. We want 6 copies of the photograph of the Sunbury central station.

Your favor of the 27th. was received. Will you please ship back to the Edison Lamp Co. the lamps that you say are defective and write Mr. Upton a full explanation of the trouble and he will send lamps to fill the place of these. There were 250 lamps of the regular kind sent to Sunbury and 100 lamps for test purposes. These were received before you went to Sunbury and Mr. Rich receipted for them.

Your letter of the 28th. received. Bergmann & Co. state that the plugs were sent to you on Friday last. The house changing

1883-07-30

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switches must be shipped back to New York. We cannot send these things from place to place to use simply because they answer the purpose else we shall have a great deal of trouble. The switches sent you for test lines must also be used for that purpose as Mr. Edison does not want the cut outs used for that purpose. The double plug switches which I ordered back must also be sent back and the 8 small plug switches for lighting arrestors must be used for that purpose. Please comply with my request contained in a my previous letter as to shipment of goods. I will send you a check by tomorrow's mail.

I wrote to Conant and asked him to give me an exact account of meters and to tell me how many meters could be returned in accordance with his letter on that subject written while Mr. Edison was in Sunbury. He does not reply, neither does he give us any account whatever of the number of persons needing information. In fact he does not write here any acknowledgement of anything sent him in the way of correspondence. This causes us very great inconvenience as we are entirely in the dark as to his part of the work and furthermore we cannot close up our accounts in consequence of not getting the information from him concerning the 12 old meters. Will you please see that he writes a report once or twice a week giving us some information as to his part

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of the work. As I am closing up Sunbury I want the plug switches house changing switches and indicators sent back as per order in my letter of previous date and Mr. Edison desires that the switches sent for the test board should be used for that purpose and the switches last sent for the lightning arrestors should be used for that purpose.

Very truly yours,

1883-07-20

July 20th.

E. H. Ford, Esq. Treas.

Edison Electric Ill. Co. of Lawrence,
Lawrence, Mass.

Dear Sir:-

I did not acknowledge receipt of your letter of the 20th. inst. as I was waiting for information from my Superintendent Mr. Rich, ^{who left} ~~who was in~~ for Brockton early last week and promised me that he would visit Lawrence about Thursday and report to me as to what material I should ship you immediately. I have not, however, up to this writing received his report and write for information that the material for Lawrence is practically ready to ship and all I am waiting for is to hear from Mr. Rich to receive shipping directions from him. When the work starts in at Lawrence it will take but a very short time to complete it. I will advise you immediately I hear from Mr. Rich as to how soon he will commence operations in connection with your station.

Very truly yours,

1883-07-30

Piqua

July 30th.

Paul D. Dyer, Esq.

Piqua, Ohio,

Dear Sir:-

Your favors of July 27th. and 28th. came duly to hand. I think that you should apply to Mr. Stuart for instructions as to what you should say to local people. The Ohio business is run entirely by him, and if we were to give you instructions from here we might interfere with Mr. Stuart's ideas on the same subject. I fully agree with you that you should give an intelligent explanation to such questions as are asked you. But about isolated business, I think Mr. Stuart can post you better than we can. I sent the map to Middletown on Friday am surprised that you did not receive it yet. You must write to the Post Office at Middletown immediately you get this and by some means or other get the map sent back to us as we shall be unable to deal with the Middletown canvass until we get it. The map and the letter with it were enclosed in the same envelope. The best way would be for you to telegraph for your letters at Middletown when you get this and then send us the map back immediately you get it. All your canvasses and I think all your letters have come to hand but I do not think you will have time for a letter to arrive there and a reply to go to you. I try to answer all my correspondence the same day it is received, but owing to the great volume of letters that

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we receive it is almost impossible to get a letter off until the day after. Your statement of accounts have come duly to hand. I will try to arrange so that you will get money direct from Mr. Stuart without writing to us. I shall probably be able to let you know about this by next mail.

Very truly yours,

1823-07-30

July 30th.

Frank H. Mc. Gormick, Esq. Pres.

Edison Electric Ill. Co. of Sunbury,
Sunbury, Pa.

Dear Sir:-

I am in receipt of your favor of the 27th. inst. with relation to the complaints which have been made against Bergmann & Co.'s men. I enclose you herewith copy of a letter from Mr. Hanington and he has read your correspondence in the matter. The inside wiring was done just as the consumers asked for it either cleat work, or moulding work, or concealed work. They had their option and the matter was fully explained to them so that I do not think the criticism of the Shamokin company is a good one and it is in fact a question in my mind whether the members of that company are qualified to judge of these matters inasmuch as they have had no experience on which to do so. I am very sorry indeed that any men connected with our ~~company~~ business should have acted in a rude manner towards the Sunbury people. If the charge can be brought home either to my men or to Bergmann & Co.'s men I will see that they are immediately discharged. As my ~~xxxxx~~ last letter explained to you we are doing everything to cheapen the wiring. Mr. Hanington, who leaves for Shamokin to day takes with him a fixture which will go far to show what advances are being made in this direction as it brings quite a nice looking

1883-67-30

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electric light fixture within the reach of all your consumers. I am sure you cannot benefit matters at all by starting some one else at inside wiring work. With relation to the hotel you speak of, I will instruct Mr. Manington to go from Shamokin to Sunbury and then to communicate with you about the matter and you can decide for yourself what had better be done. My impression is that your company are in too great a hurry to get the Sunbury people to take Edison light. Rather than endeavor to press them to take it, I suggest that you wait a little and then they will come to you and be very anxious to take it and any such question as the cost of wiring will hardly be considered. However, as soon as we have a cheaper method I will advise you. But such things take a little time to work up.

Very truly yours,

1883-07-30

July 30th.

A. Stuart, Esq. Secty.

Cincinnati, Ohio.

Dear Sir:-

By this same mail a letter signed by Mr. Edison goes to you fully explaining his mode of operation in connection with central station lighting. It has been drafted on the lines ~~settled~~ decided between us when you were here and trust that it will be satisfactory to you. If it is not please let me know and I will do what I can to put it in shape as you desire it. I have had sent to you by to-days express a full sized photograph of Mr. Edison and will also send you some small photographs of him. I am promised photographs of the dynamo machine which you will mostly use, some time this week. Immediately on receipt of same I will send one on.

We find that the "mapping of Hamilton" is a somewhat longer job than originally contemplated in consequence of the maps of the various sections of the town differing considerably. This work, however, is being pushed along as quickly as possible and immediately we have a rough map we will send it on to you to choose your central station lot and also give you if possible a rough estimate of the cost of the work. I had a long letter from Mr. Dyer this week, but inasmuch as he informs me that he had

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written to you I do not think it necessary to repeat what he doubtless has told to you, except to state that he considers Middletown a much better place for electric lighting than Hamilton. Doubtless, however, he has written you on this subject. He seems to be doing good work in canvassing for you and is certainly getting along very rapidly indeed. Our plant at Sunbury is running very nicely and giving satisfaction there. Our work at Shamsokin is well on towards completion and we look forward to start the station in two weeks. The Brockton station will in all probability be started in about a month and Lawrence about two weeks after that. So you see that up North here we are getting along first rate. I presume that you will go to Louisville to see the light there. If you are going within the next few days will you please inquire for Mr. E. H. Johnson, one of Mr. Edison's assistants who has gone to Louisville to put up the electric portion of the work there. Mr. Johnson is thoroughly posted on electric lighting from A to Z and I am sure that you would like to have some conversation with him in relation to matters if you happen to be in his section. He is staying at the Galt House. If you call on him you might mention that I asked you to see him.

Very truly yours,

1883-07-30

July 30th.

A. Stuart, Esq. Secy.

Cincinnati, Ohio.

Dear Sir:-

We have seen your letter to Mr. Hastings complaining about Hamilton estimation. The canvass was received at this office on the 20th. of July. In order to get a map out in proper shape our map man had to make three entire separate maps owing to the slides we had being ~~xxxxxx~~ defective. The Georgetown canvass arrived here on the 20th. inst. Bergmann & Co. state that they have sent forward the fixtures ordered by you and they should arrive in Cincinnati by the time you get this letter.

Very truly yours,

1883-07-30

July 30th.

A. Stuart, Esq. Esqy.

Ohio Edison Electric Light Installation Co.
Cincinnati, Ohio.

Dear Sir:-

From our conversations with relation to the erection of central stations, I beg to give you below details of our method of operations in connection with this department of our work.

When you indicate to us that you want a central station plant erected in a certain town, we have to send a canvasser to take an exact record of the number of lights burning per half hour in said town. We do this in order to get at the average amount of gas used and on this information we base our estimates.

On the receipt of the canvass at our office, we make a correct map of the town and enter on said map the results of the canvass made by our man. After this work is completed a determination is made of what copper conductors will be necessary to supply the town with incandescent light.

The above data enables us to put in a plant in the most economical manner which fully justifies the delay in starting work which this somewhat lengthy operation would seem to indicate. In the estimates that we shall furnish you we put everything at the lowest possible price compatible with covering us for the risks

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to run and for the expense incurred in connection with this branch of our work. Mr. Shaw informed you that we should be willing to cut out any part of our estimate and allow you to do that portion of the work provided you could do it cheaper and would not interfere with our portion of the estimate. From experience at Shamokin, we find that this course is very inconvenient and causes us considerable financial loss. We therefore find it necessary to withdraw from this position and to undertake work only in accordance with our estimate. If, however, you can show us that we can put in part of our contract at a price less than that named in our estimate it will always afford us very great pleasure to inquire into the matter and make a revision of our estimate so as to give you the advantage of any such reduction in price. Of course if your company desires to put up part of the work themselves and leave us to put up the remainder we shall be glad to furnish you with an estimate for such part of the work as you may desire us to do. But, as we have above stated, it is impossible for us to allow our estimate for the whole work to be accepted only in piece meal.

In case of an estimate being accepted, we shall require 25 per cent of the amount of the contract on the signing of the agreement, 50 per cent when the installation is ready to supply

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light, and the balance (25 per centum) after the installation is ready to supply light 90 days. At present it is impossible for us to take a time contract for the performance of the work but the terms of payment that we propose are a guarantee that we shall get through our work as quickly as possible in order to save us the necessity of carrying a large amount of material for any considerable time as our contracts for material are made on the same basis as our contracts with our companies for doing the work.

Our estimates provide that the necessary expert expenses for starting a station and teaching the permanent employees whom I desire should be chosen by myself or my representative, in order to insure that the station shall be run in accordance with the experience that we have gained in connection with this work. We are preparing examination papers which we shall expect the permanent employees to give answers to before we pass them as being competent to take care of the work they have to perform.

In conclusion we should add that it will always be our first endeavor to make your installations a perfect success as a failure would be as disastrous to us as to your company.

Very truly yours,

1883-07-30

July 30th.

Mr. G. W. Walber,
Worcester, Mass.

Dear Sir:-

Is Clapp Avenue a southern continuation of Depot street to West street, as on the map we have received from you Clapp Ave. is not named?

On the Southwest side of Summer street hotel in block 1 you give us no particulars as to this. Is it the Berkshire House? If so what is the probable number of lights.

Can you give us any details as to Maple Wood Institute which is a large girls school? We would like to know the probable number of lights and about their average burners.

Very truly yours,

1883-07-30

July 30th. . 3

Mr. Paul O. Dyer,

Dear Sir:-

We have the pleasure to advise you that your salary has been raised to \$17.50 per week, being an increase of \$2.50 per week. This increase takes effect from the first of July.

Very truly yours,

1883-07-30

July 30th.

Paul D. Byr, Esq.

Dear Sir:-

We send you by same post under separate cover copies of forms one of which please return with each of your canvass reports filled in with such details as you can possibly obtain. We should also like you to indicate in your canvass reports the number of shade trees on the streets that you canvass and give us some idea of their size. We want this information in such a form that we can locate the position of the shade trees on the map that we draw here from the data you supply us with.

Very truly yours,

Copies of above were sent to R. M.
Heaton, ~~Edw. Cook~~ J. W. Walker
& C. H. Cook.

(883-07-30

July 30th.

C. H. Cook, Esq.

Care C. H. Hoskins,

424 Broadway,

Milwaukee, Wis.

Dear Sir:-

Your favor of the 27th. inst. came duly to hand, also canvass of Appleton. The local people should not buy a lot until they have communicated with us and you should impress this upon them in every town you go to.. They pay entirely too much for their property. What we want is simply information as to the number of lots there are for sale and I do not think you can assist them as to which lots they should choose until we have seen the map here and Mr. Edison has decided on the best streets to light up. I have honored the draft for \$100, but in future must refuse to do this as we very much object to drafts of any kind being drawn on us without authority. We will write you as to your accounts by next mail.

Very truly yours,

1883-07-30

July 30th.

E. P. Hampson, Esq.

30 Cortlandt St.

City.

Dear Sir:-

The engineer of the Edison Electric Light Company reports that he has seen your new engine and that he is unable to recommend it for our class of work.

Very truly yours,

1883-07-30

July 30th.

George H. Bliss, Esq.

Chicago, Ill.

Dear Sir:-

I understand from my canvassers that Appleton parties are furnishing incandescent lights at 50 cents a month. This is equal to \$1 a thousand feet of gas. Are they going to continue this? If so I should decline to take a contract to install plants as I feel that in all probability it would be a failure.

Very truly yours,

Aug. 2nd.

Charles E. Higdon, Esq.

Care S. W. Higdon, Chief Bookkeeper,

W. U. Tel. Co.

Cincinnati, Ohio.

Dear Sir:-

Referring to your favor of July 30th., I beg to inform you that I am doing all I can to help the boys here in New York and I cannot very well do more than this.

Very truly yours,

1883-08-02

Aug. 2nd.

G. W. Wilbr, Esq.

Waldo House,

Worcester, Mass.

Dear Sir:-

I am in receipt of your favor of the 1st. inst. and am much obliged for the information it contains. I have also received canvass of Southington. I have written you full instructions to Post Office, Worcester, as to what towns to canvass after Natick. The whole towns mentioned on that list are in Mr. Gordon's district. I have not got a position that I can offer your friend at the present moment. If, however, we should want another canvasser I will bear him in mind.

Very truly yours,

Bergmann

Aug. 2nd.

Thomas P. Conant, Esq.

Dear Sir:-

I have your letter of July 31st. In reply would beg to state that there is one light meter missing as 40 were shipped by Messrs Bergmann & Co. I remember on the 4th. of July one meter was taken out of the package and put in a drawer. You had better look into this matter. All I can say is if you did not get my letter asking for an account of meters it must have miscarried as it was undoubtedly written. I am attending to the Sulphate of Zinc and will send some of it forward as soon as I can get it.

Very truly yours,

1883-08-02

Aug. 2nd.

C. H. Cook, Esq.

Care C. H. Haskins,

Milwaukee, Wis.

Dear Sir:-

I have your favor of July 30th. and have also received a map of Noonah. Up to this writing the notes relating to this map have not come to hand.

Very truly yours,

1883-08-02

Aug. 2nd.

Thomas P. Conant, Esq.

Sunbury, Pa.

Dear Sir:-

I have your letter of July 31st. and in reply beg to inform you that it is impossible for water properly distilled to have iron in it. Mr. Insull is attending to the matter of the Sulphate of Zinc and will send you some from White and Co. as soon as he can get it.

Very truly yours,

1883-08-02

Aug. 2nd.

Frank H. Mc. Cormick, Esq.

Dear Sir:-

I have your letter of July

31st. I have no wish whatever to quarrel over the matter of wiring at Sunbury. Perhaps your opinion may be the correct one and that you are quite right in getting customers as quickly as you can on the terms of payment after 30 days if they are satisfied with the light. All I can say is that our experience in New York is exactly the opposite. It is immaterial to me who does the wiring as long as it is done cheaply and quickly.

I went to Sunbury to ascertain what was needed, satisfied myself on this point and came home to get the necessary articles devised. I have been engaged on this work with Mr. Johnson, my assistant, almost incessantly since my return and am hoping to get up something with which the work can be done much cheaper and quicker.

I was surprised to learn from your letter that Mr. Doubleday is doing your work at Sunbury. My impression is that he was working for me in the central station there and, having this impression, and requiring his services elsewhere, I was compelled to telegraph to him to go to Louisville. I am very much surprised that your company should have thought fit to publish the set of resolutions which they passed and which reflected so severely

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on the wiring department not of the Edison Electric Light Company but of Messrs Bergmann & Co. I cannot see any possible justification for introducing such matters in the public press. If there was any trouble it was a matter that could easily be settled by correspondence. But to bring such matters into the daily newspapers is but to give our opponents advantages over us. Mr. Insull can explain all matters in connection with wiring very fully to you and I will therefore leave the matter to him to deal with when he sees you.

Very truly yours,

1883-08-02

Aug. Aug. 2nd.

Frank . H. Mc. Cornick, Esq.

Dear Sir:-

I am in receipt of your favor of yesterdays date. I am very sorry that the bill for the work at Sunbury should have disappointed you. We did the work at the lowest possible price and in fact consider the plant very cheap as our estimate for Watsontown is 7 or \$800 more than the cost of the plant at Sunbury. I think the best way would be for my private Secretary, Mr. Insull, to meet your Board of Directors and settle the matter, as otherwise the correspondence might probably be very lengthy and I desire that the account should be settled forthwith inasmuch as I have lost on the work and consequently cannot afford to be out of my money. With reference to the itemized statement you want, I think the statement given you is quite sufficient to enable your directors to judge as to the work done. It is rather too much to ask us to give you the whole details of our business. If, however, you desire information as to any particular item, Mr. Insull will be very glad to give it to you when he meets you on Monday.

Very truly yours,

1883-08-02

Aug. 2nd.

W. S. Andrews, Esq.

Dear Sir:-

Your favors of the 29th. July to Mr. Edison, 31st. of July to myself and the 1st. of August to myself came duly to hand. We are sorry that the pressure indicator sent you was in bad condition. It must have been owing to the packing. Mr. Edison has requested me to see Mr. Clarke about supplying you with a standard indicator. As soon as I can get hold of Mr. Clarke I will talk to him about the matter. Mr. Edison does not think that your idea of chain gear will be a good one for connecting up the regulators. Bergmann still persists in saying that the safety plug was shipped to you on Friday last. I am having another shipped to you to day. I will have the two indicators returned to you just as soon as they are altered. I notice that in your letter of August 1st. you state that you have only returned three house changing switches. Were there not five originally sent to Sunbury and if so where are the other two? I will be in Sunbury and Shamokin on Monday next in all probability but I will advise you by telegraph as I may want you to meet me in Shamokin on Monday morning.

Very truly yours,

1883-08-02

Aug. 2nd.

P. R. Shaw, Esq.

Dear Sir:-

I am in receipt of your favor of July 31st. and notice what you say as to the action of the Sunbury and Shamokin directors. All I had to judge by was the correspondence which I had had with Mr. Mc. Cormick and your letter to me. If you advised the directors of the Sunbury company to communicate to me the facts and request immediate relief, all I can say is that they did not follow your advice. They passed resolutions ordering the men to stop work in Sunbury. They had those resolutions published in the daily newspapers and in their correspondence with me assumed an experience in electric lighting matters which surprised me considering their short acquaintance with the subject as compared with myself. I was fully aware that the wiring at Sunbury required alteration when I left there. I endeavored immediately I got back to set matters right and I am still engaged on that work and am expecting good results. So far as the Shamokin company are concerned there is not the slightest need for anxiety on Mr. Douty's part as to the wiring there. You will be doing me a real service if you will advise him to wait and do nothing until I call him that the time has arrived to start work in connection with inside wiring. By the time the station is fin-

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ished there I expect our wiring will be materially reduced in cost and the Shamokin company will, of course, have the benefit of any such reduction in price owing to change in methods. I cannot see any good whatever to be derived from getting a lot of inside wiring done at Shamokin when the other work is not finished. If Mr. Douty would do me the favor of exercising a little more anxiety with relation to the progress of his central station building, I think it would be very much better. As it is now, his anxiety is directed to entirely the wrong subject. I would further state that you are entirely wrongly advised as to the action of the Sunbury company. No letter that I have had from Mr. McCormick has made any suggestion as to what should be done. His letters have simply told me what his Board of Directors has decided to do and even before advising me of this fact they had published in the Sunbury papers a statement of what their policy would be. I am very sorry that the Sunbury plant is an advertising medium for a large number of towns in your section, as, judging, from the way the Directors have started in, they propose running the thing entirely as they think best without at all considering the opinion of myself notwithstanding that they have had no experience whatever on this ~~main~~ subject while I have had quite a great deal. I am very sorry that when you insisted the Sunbury

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company should consult me before taking any action that they did not take your advice.

With relation to lightning, absolute safety is now afforded by a device which is put inside the central station. Mr. Andrews will show you what it is the next time you are in Sunbury and you can rest assured that there will be no such trouble with future plants. The explanation you can give is that at the time the lightning caused trouble the work in connection with the plant was not finished and consequently the preventive of any such trouble had not been fixed up. I have to day telegraphed to Mr. Mc Cormick asking for an appointment for Insull to meet the Board of Directors of the Sunbury Board on Monday night next but I have not got his reply. If the meeting takes place I wish you would be present, as I desire that he should come back with an absolute settlement of my accounts against the Subbury company.

Very truly yours,

1883-08-02

Aug. 2nd.

W. D. Rich Esq.

Brockton, Mass.

Dear Sir:-

I have your favor of July 31st. and beg to enclose you copy of Lawrence order No. 1 as requested. Mr. Edison does not think we can do anything in the way of lighting up that Park you refer to until our station is running. My impression is that it is a kind of work that he would not care to undertake unless every thing was running in perfect order. He also stated that he would not care to try a new injector but I suggest that you talk to him about this matter the next time you are in New York. Mr. Sims told me that he would ship a large engine to you some time next week. Mr. Kruesi states that he will have all his tubes ready in about 10 days. Will you please let me know when you will be ready to have the electricians get their part of the central station in order. I would like this work done so that when we start up we shall commence running with every thing ready and in its place and not in such a hurried manner as at Sunbury. I am going to Shamokin and Sunbury on Sunday night. Can I do anything there for you?

Very truly yours,

1883-08-02

Pond Indicator

Aug. 2nd,

Mr. J. U. Mc. Kenzie

Dear Sir:-

Mr. Edison requests me to write
you in reply to yours of the 30th. stating that you had better come
up here and see us with reference to the Pond Indicator business.

Very truly yours,

1883-08-03

New York, August 3rd. 1883.

65 Fifth Ave.

W. J. Hammer, Esq. Chief Engineer

Deutsche Edison Gesellschaft,

90 Leipziger Strasse,

Berlin W. Germany.

Dear Sir:-

I duly received your letter of July 10th. and am very much obliged to you for the information it contains with reference to the development of the Edison system of electric lighting in Germany. What you say is by far the most encouraging information that it has yet been my pleasure to receive from Europe in relation to the development of our enterprise. I am sure I wish your company every success in their present undertaking and also your good self in the capacity of their chief engineer. Referring to the numerous questions you ask, I will answer them serially.

PLANS, BLUE PRINTS &c. I am having prepared a full set of all the drawings, blue prints &c. relating to our central station work and will have them sent forward to you in the course of a week with full explanations as to the same. With relation to the various plans I sent you I may remark that in most instances the plants are being put in by myself as contractor. I take a contract to do the whole work, including the building of the central station, erection of the plant, street conductors &c. and turn the whole thing over to the local people after running it

30 days in such condition that they can go ahead and do practical business without experimentation of any kind. Mr. Batchelor is fully familiar with the method in which this work is done, but my impression is that he is not acquainted with the system we now have of canvassing a town in order to see the amount of light used and enable us to prepare data on which to make an electrical determination of the machines and feeders necessary for the work. I will, therefore, give you briefly the way in which the work is done. Suppose we take Newark. Our canvasser goes to Newark and the first night he is there walks over the best part of the town taking in the business portion and the better residential portion, and makes this examination until 12 or 1 O'clock in the morning. The next day he gets a map and picks out the district which in his judgment is the best for us to light with our first station and numbers each block on the map for easy reference afterwards. He then goes round and marks in a book the number of the house and nature of the businesses, the quality of the residence on say 20 or 30 block facings. At night just at dusk, when the lighting commences, he starts at one end of a block and looks into each store and counts the number of lights burning, makes a note of this in his memoranda book and the time at which he counted such lights. He then goes to the second store and performs the work there and continues to put the time down every five minutes keeping on in the same direction until he has been noting the burning for about half an hour when he returns to the store that he first examined and does the same work over again continuing this every half hour until every body is closed or until there are only such

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half hour until everybody is closed or until there are only such lights burning as will burn all night. As to this latter he is obliged to enter the store and inquire of the consumer as to how long he will continue to burn his lights. Thus he is enabled to make a record of the actual number of lights burning in each store during every 30 minutes of the evening. He is very careful only to canvass in one evening just enough territory to enable him to get back to his starting point every half hour. On the next night he takes another lot of block facings and performs the same task as he did on the previous night and so on night after night until the whole district which it is proposed to light is canvassed. Besides taking in the good lighting he takes in a small area round this so as to enable us to judge in the office where the good lighting in a town commences and where the poorer lighting commences. In the day time he goes over the residential portion and marks the number of each house and its position on the block and notes them as being either "palatial" "first" "second" "third" or "fourth class" residences, according to the nature of the town, and this information enables us to judge here in the office of the average number of lights that a certain house of a certain character would consume. Utica, N. Y. was canvassed in about 3 days. Reno, Pa. in about 2 days. Lowell, Mass. in about 5 days. We have 4 men out on this kind of work and they send us in from 5 to 10 canvasses a week. No notice whatever is taken of factories unless they are run very late at night or through the greater portion of the night. Churches, halls &c. may not be lighted when

Do not use this
for any other
purpose
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the canvasser goes his rounds and he is therefore compelled to make the necessary inquiries during the day time about the number of lights actually used when they are lighted and the number of times they are lighted a week. The whole of the canvass notes (each canvasser has a separate method of his own so far as details are concerned, only being confined to points above indicated) together with map having numbered block facings thereon is sent to my office here where the canvass is blotted on a map, of which copies will be sent you, and this enables me to take a birds eye view of the lighting of each town where it is proposed we should install an electric light plant. I forgot to mention that most of our canvassers have on their canvass form reports three small columns for cellar, first floor and second floor in order to provide for cases where there is more than one consumer in the building. In making our map here in New York we figure all the lighting back to December the 1st. This we are enabled to do by tables showing we have showing what light there would be before December 1st. providing there was a certain amount of lighting on June the 1st. Of course this varies according to the locality as the factor of how soon darkness comes on is to be considered. Now suppose we take 8 o'clock in the evening in June No. 51st. street burns no lights at 8 o'clock; 10 lights at 9; 10 at 9-30; 10 at 10; and none at 10-30. We find that this man closes at 10 o'clock, Now if it were in December instead of June he would commence lighting at 5. Hence we mark on our map that he has 10 lights maximum

with a 5 hours average. On the map a straight line is drawn over the block facing and the number of lamps placed at the end of the line; each one eighth of an inch in length means one hour burning therefore on the map there would be a line five eighths of an inch long with 10 marked at the end of the line. In determining our street conductors we do not allow for stores &c. in which the maximum number of lights does not in 312 days of a year give an average of 2 hours, but for all lights over this we allow street conductors. At the central station the dynamo, engine, boiler &c. investment must be enough to carry every light at the heaviest part of the year. Therefore you will see that if a store having 50 lights maximum and closing at 6 o'clock was to be connected we should have to carry those 50 lights and consequently make an investment in dynamos, conductors &c. to do so and in the summer we would earn no money on such a customer inasmuch as he would close before it was time to light and in the winter he would use very little indeed as his average would be so very low. Suppose from November to February 450 lights burned one hour each say 110 nights. This would be 5500 lamp hours. If the investment were \$25 per lamp in burners, machines &c. and we received one cent per lamp per hour the investment would be \$1250 and the receipts \$55. Now suppose we had a man who closed at 10 and had only 5 lights, he would give us 3 hours average the year round. That is for 312 days or 9500 lamp hours. The investment for such a customer would be \$250 and the receipts \$9500. A man who closes at 10 and burns only 4 lights is more profitable to us than one who closes

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at 6 o'clock and burns 50 lights. In starting central pioneer stations, we want the dream of the lighting. When we have shown them we can earn big dividends on this we can take the market afterwards and at such a time the people will be content if we can earn then 7 per cent on their money whereas in the first case, until confidence is established they want us to show a dividend earning capacity of a very much larger amount.

If at the same time you were to send us the exact measurement of different plots of ground that could be got for ~~the~~ a central station and give us the price of the same with details of any buildings they may have on them, we could from our great experience here give you the best arrangement of boilers, Engines &c. both for economy of investment in the station itself and economy of wages. If I can assist your company in any such work as this I would be very glad to do so and would simply charge them with the bare cost to me of my engineer's time and thus give them the benefit of our experience here without putting them to any extra expense.

ESTIMATES. At the same time that the blue prints are sent forward to you we will send you copies of our various estimates as requested.

DISTRIBUTION SYSTEM. My remarks above will answer your question as to this. If however you people want to do this work yourselves it will be necessary for you to start some such establishment as we have at Menlo Park.

THREE WIRE SYSTEM SAMPLES. We have ordered samples

for you and they will go forward to you with the other material.

FORWARDING GOODS. I notice your remarks as to forwarding goods. Previous shipments have all been made by Bergmann & Co. I will, however, see that in future you have no trouble in this connection.

BULLETINS. I will speak to Major Eaton with reference to copies of Bulletins.

LAMP FACTORY. I have written to the Societe Electrique of Paris stating that it is impossible for me to spare you a man to start a lamp factory. I am short handed myself and our companies here require all our good men, and inasmuch as Mr. Batchelor has been here and knows everything concerning our factory he can start you going in this connection. Personally I think it would be a great mistake for your people to start a lamp factory if you can import lamps from here with advantage. We have been making great strides in lamp manufacture within the last few months and the more lamps we make here the cheaper we can turn them out and the more money we can afford for experimenting work in improving lamps. I am quite sure that our company could lay down in Berlin 50,000 lamps of a better quality, more even volts, longer life and certainly as cheap if not cheaper than they could be manufactured in Berlin, provided of course there is no prohibitive tariff. You will have quite enough to attend to without the company burdening itself with a risky and uncertain business such as lamp manufacture is as we well know from the enormous amount of money our lamp company has sunk in experimenting.

1883-08-03

MACHINES

You will have received from us before the arrival of this letter both the new H machine and the new 100 light machine. We are now designing machines of 25 lights 50 lights and 250 lights. Are we to send these models as we got them out? I patented and used a long time since compound wound field magnets. All I did was to wind a couple of layers of heavy wire over the regular field wire and place it in the main circuit? I calculated the matter out and in practice the volts were the same if all the lamps were on or off. The only reason we did not use it in the isolated business is that if the engine is unsteady the variation in the candle power is more apparent than if the machines were in the manner we now adopt. An increase of speed would double up and run the lamps very high. Of course most of our isolated installations have a constant load and even regulation of the engine, but if they have not we put in an automatic regulator which we are constantly improving from results obtained in every case.

CONDENSER FOR ENGINE. I do not believe in the use of condensers for engines as they are so very liable to get out of order. Of course if coal is very expensive some slight saving might be made, but inasmuch as in a central station you are never called on to work your engines to their full capacity for more than two hours a day during the darkest days of the year, I believe it is much better to dispense with such things where there is the slightest possible chance of their causing us trouble.

Very truly yours,

1883-08-04

Menlo Park - Gen.

August 4th.

John Ott, Esq.

Dear Sir:-

Have you got a brass phonograph in the laboratory? There was one in the office at Menlo Park. Did you have it packed and sent to Avenue B at the time you moved in? If so, please have it fixed up in good shape and ship it to Thomas Mc. Guire, Herald Office, Boston, together with 10 lbs. of tin foil.

Very truly yours,

1883-08-04

August 4th.

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A. A. Coles, Esq. Secty.

Ansonia Brass & Copper Co.

19 Cliff Street, City.

Dear Sir:-

Have you yet been able to do anything with the compound wire that Mr. Johnson and I talked to you about a short time back? Please let me know at your early convenience. Also give us prices on your double covered cotton wire painted wire which is wound with Kruesi's tape before covering. On invoices for copper rods sent to the Tube Co., I notice that on one bill you charge us 26 cents a lb and on another bill 27. My impression is that you told me at the time you were arranging with me as to the price of our wire that the rods would cost about a cent a lb. more than the pure copper wire. Am I right in my impression? If so, why have we been charged 26 and 27 cents for rods, and furthermore why is there this difference in price in two different shipments of rods?

Very truly yours,

1883-08-04

August 4th.

C. H. Cook, Esq.

Dear Sir:-

CANVASS OF APPLETON, WIS.

In the latter part of your record mention is made of the character of buildings as "sewing machines" "gents Furnishing" "hotel" &c. without giving us any way of ascertaining the number of lights, the character of the lights and the time of burning. Will you please give us some further explanation. We also noticed that you report a hotel as being on mission street between College Ave. and Edwards street. Will you please give us some data to get at the number of lights. You commenced by recording the block number before the record of each face but discontinued doing so thus taking requiring much longer time for us to identify localities on the map. In Onida you give us no account of the lights in any of the places of business on what is evidently the east side of the street. There are some 15 or more places. We do not know exactly where

street between Lawrence and College Ave. Mar

1883-08-04

August 4th.

F. W. Clarke, Esq.

Pompton, Mass.

Dear Sir:-

I duly received your favor of August 2nd. The experiment of altering over the machines is now being tried. It will take a little longer than I had anticipated but immediately the practical results are attained I will post you fully.

I am sorry that we have been unable to start the laying of the tubes yet. We have made every effort to get the copper for the same but only managed to get our manufacturers to start delivering 4 or 5 days ago. They promise however that the whole of the copper shall be shipped within the next week. I am doing everything possible to hurry them up and, provided they keep their promise, there will be but very little further delay in starting the work.

Very truly yours,

1883-08-04

August 4th.

P. B. Shaw, Esq.

Dear Sir:-

We are still without information as to the central station lot for Renovo, Pa.

Very truly yours,

1883-08-04

August 4th.

C. L. Dean, Esq.

City.

Dear Sir:-

We are badly in need of sketches of the various sized dynamos you are now building. We want them for reference right along and if you can supply us with them, together with the speed of the armatures, size of the pulleys and any other information that you think desirable, you will confer a very great favor on,

Yours very truly,

1883-08-04

August 4th.

Paul D. Byer, Esq.

Lima, Ohio.

Dear Sir:-

Would it be possible for you to number the sheets of your reports and accompany them with an index sheet as by doing so the handling of the canvass here would be greatly facilitated.

Very truly yours,

1883-08-04

August 4th.

Messrs Babcock & Wilcox

Gentlemen:-

Will you be good enough to inform me what size your boiler drums are ready for fitting of the pipes? I want this information with relation to all the boilers you make.

Your note asking for a check came duly to hand. I am going out of town this morning on business and will be back about the middle of next week when I will see that a check is sent you.

Very truly yours,

1883-08-04

August 4th.

Spencer Borden, Esq.

Dear Sir:-

Referring to your favor of Yesterday's date, I am sorry there should be so much delay in getting up the Portland estimates, but as you well understand it is a matter we cannot very well control here. I have been trying to get a canvasser to go to Portland and as I am unable to get a man to go who will suit, I propose sending some one out of my office to do the work and he will in all probability leave New York next Wednesday after which the matter will be pushed through as quickly as possible.

Very truly yours,

1883-08-04

August 4th.

Spencer Borden, Esq.

Dear Sir:-

I have to-day returned to Mr. Hodgkinson his report together with map of Norwich as the lots which he gives are too expensive for central station if it is possible to get others cheaper. We have enlarged the area within which the central station can be located and have requested Mr. Hodgkinson to supply us with information as to any other lots that he can possibly find within that area.

Very truly yours,

1883-08-04

August 4th.

Charles Batchelor, Esq.

Dear Sir:-

Referring to your favor of the 10th. with relation to New Machines, I would state that nothing further has been done on the lines of the experiments that were being tried when you were here until within the last week or so, so that we have only turned out the 100 light machine and the 450 light machine. The latter you have the drawings of. The former I have been doing all I can to get you drawings of. Selden is too busy to make them and Dean keeps on promising to make them but does not have time and I am at my wits ends to know how I am to get them. If they are not turned out by either of these two gentlemen within the next few days I will send one of my draughtsman from our office and have him make them. I note your remarks as to the Italian Company's accounts and shall hope to have a settlement at an early date. The Italian company does not even pay me for tubes and other stuff that they have ordered and which there can be no possible dispute about.

Very truly yours,

1883-08-04

August 4th.

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C. M. Cook, Esq.

Dear Sir:-

In your canvass records will you be good enough to mark off each block facing in your book by entering at the common cement of each record the block number? For example commence record relating to block 37 with the catch words "Block 37" If you could also index your block records on the inside of the ~~book~~ cover of your book, our work would be very greatly facilitated and would enable us to refer to different points in connection with your canvass at the shortest notice.

We should like to have some information in regard to early closing in Minneapolis. Do they close at all other seasons besides 4th. of July week and if not at what seasons do they close early? Do the electric lights and other lights represented as burning up to 10-25 generally burn to midnight or if not at what time are they generally extinguished? Are any lamps worth mentioning used at the City Hall building.

I write the above on Sunday having found a memo. of the same on my desk. My impression is that I have already written you a letter about this but as I have no clerks here I cannot get at

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my records to find out, so that if you have answered this before
you need not do so over again.

Very truly yours,

1883-08-04

August 4th.

E. P. Fabbri, Esq.

City.

Dear Sir:-

Mr. Johnson brought the enclosed with him on his return from England. Will you please read it over and return it to me with such comments as you may care to make with reference to it? If you approve it I will have copies made for execution. Should you desire any explanation with relation to the matter I think Mr. Johnson understands all about it as, to the best of my recollection, it was through him that the negotiations were first commenced.

Very truly yours,

1883-08-04

August 4th.

George G. Howland, Esq.

Herald Office, City.

Dear Sir:-

Referring to your favor of the 3rd, inst., I shall be very glad to see you any evening convenient to you except Wednesday or Saturday. Other evenings I am here until quite late. It would be well I think to have the youth you refer to call on me or you could bring him when you call yourself.

Very truly yours,

1883-08-04

August 4th.

Frank H. Mc Cormick, Esq.

Dear Sir:-

I duly received your telegram

of the 2nd. inst. My private secretary, Mr. Insull, will meet you at your office on Monday night. He will doubtless call on you some time during the day on Monday to find out the hour of the meeting.

Very truly yours,

1883-08-04

August 4th.

George H. Bliss, Esq.

Dear Sir:-

One of our canvassers, Mr. C. H.

Cook, writes from the Hotel Blake, Wis. that on going to Milwaukee Mr. Haskins informed him that he was not prepared to have any part of Milwaukee canvassed for the present. Mr. Cook is consequently canvassing Racine. As we want him back here as quickly as possible I would suggest that you have him canvass Milwaukee immediately he is finished with Racine so as to enable us to withdraw him from your territory for the present as he seems to have canvassed as many towns as you will be able to deal with within the next month or so.

Very truly yours,

1883-08-04

August 4th.

William Hodgkinson, Esq.

Dear Sir:-

I return you herewith your report which has been forwarded to us by Mr. Gordon relating to the lots at Norwich. The lots you mention are entirely too expensive. Will you kindly supplement your report by giving us some more lots within the red lines given on the map also enclosed. You will notice that we have enlarged the area within which it would be desirable to have the central station. Please return map and your first report with any further information you can give us as to other lots.

Very truly yours,

1883-08-04

August 4th.

W. J. Hammer, Esq.

Berlin, Germany,

Dear Sir:-

Your personal letter of July 16th. came duly to hand. Mr. Johnson had already fully explained to me the nature of the causes which led to your severing your connection with The Edison Electric Light Company. I am perfectly well satisfied that everything is explained by the name "ARNOLD WHITE". Trusting that in your new sphere you will meet with people more congenial to work with and that your success will fully justify the hopes of your friends, I remain,

Very truly yours,

1883-08-04

August 2th.

C. H. Cook, Esq.

Dear Sir:-

I have forwarded various letters and package of drafting paper to you care of C. H. Haskins, Milwaukee, but presume that you cannot have received them as you were not in Milwaukee long enough to get them. We have written to Mr. Bliss stating that we require you on at the earliest possible moment here and suggested that he should have you canvass Milwaukee after you have finished Racine. Please push forward as quickly as you can as we want you on here as soon as possible.

Very truly yours,

1883-08-04

August 4th.

C. E. Chincock, Esq.

Dear Sir:-

Would it be possible for you to get along without the assistance of Mr. Bradley? I am very anxious to put him in the testing room at Goerck street where we have work of a character that I should very much like him to take hold of.

Very truly yours,

1883-08-04

August 4th.

John Kruesi, Esq.

City.

Dear Sir:-

Please prepare for us a full set of samples of tubes
&c. used in the three wire system and advise us when they are ready
for shipment. They are to be sent to Berlin for the use of the
German Co. Will give you exact shipping directions when you
wish to send them forward.

Very truly yours,

1883-08-04

August 4th.

G. W. Wilbur, Esq.

Dear Sir:-

Can you give me any information
about the lighting of the Bradley House, Southington? Your can-
vass reports give no reference to the matter.

Very truly yours,

1883-08-04

August 4th.

Messrs. Armington & Sims,

Providence, R. I.

Gentlemen:-

Some time ago you promised us drawings for use in our office of all the sizes of engines we are liable to buy from you for our central station work. We are badly in need of these. When can you send them forward.

Very truly yours,

1883-08-04

August 4th.

E. T. Greenfield, Esq.

Dear Sir:-

Would it not be a good idea to set the cut outs one eighth of an inch away from the wall by means of a pair of "slips" or by cutting away the cut out plug? I think by this means we could prevent water from getting upon the plug and thus causing us trouble with connections.

Very truly yours,

1883-08-08

August 8th.

Spencer Gordon, Esq.

Boston, Mass.

Dear Sir:-

I have just heard from Mr. Wilber, our canvasser now in Worcester, and in his letter he states "I received your list of places to be canvassed and think I can come pretty near doing two places a week." He states that he hopes to be through Worcester on Saturday night, but that it is rather doubtful whether he will be able to do so. All the towns that he is now canvassing are in your territory so that you can judge from the above about when he will be at each place.

Very truly yours,

1883-08-08

August 8th.

Edison Lamp Co.

Gentlemen:-

Will you please ship some samples of very small lamps to W. R. Pope, 181 West Baltimore Street, Baltimore Md. He wants to experiment with a view to using a battery to light them the lamps to be worn on the head of some men who are to take part in a procession.

Very truly yours,

1883-08-08

August 8th.

W. D. Rich, Esq.

Brockton, Mass.

Dear Sir:-

I was at Brockton Monday morning and Mr. Marshall promised me faithfully that the building would be roofed in and floor down so that if you are there on that date your work can be proceeded with. Notwithstanding his faithful promises, if I were you I would await further advices as to the thing. I think the best way would be for me to get Andrews to run over from Sunbury to Shamokin to see if every thing is in shape. I will have him telegraph me and will then wire you. How does this strike you.

Very truly yours,

1883-08-08

August 8th.

H. A. Clarke, Esq.

Dear Sir:-

Your favor of the 6th. inst. came duly to hand. The gentlemen you referred to have not called here. When they do, I shall be glad to render them all the assistance I can, and more especially as Mr. C. J. Boll, who forms one of the party, is an old business acquaintance of mine.

Very truly yours,

1883-08-08

August 8th.

J. H. P. and W. P. Dougherty,

135 Bank Street,

City.

Dear Sirs:-

On the 14th. of June you wrote the following:

"Charles E. Roecap ,

Dear Sir:-

"We called on Mr. Edison Wednesday A. M. and proposed to make his castings for the Machine Works and allow him 30 days on his bills. At the expiration of that time we are to receive his paper at 4 months and we agree in case he should not be in a position to meet the paper at maturity to accept the original of the same on two weeks notice."

Your bargain with you does not seem to have been so good as mine. The above letter agrees entirely with what I wrote to Mr. Roecap as Mr. Edison's and my understanding of the arrangement. Mr. Roecap brought me the above letter yesterday and I thought I had better send you a copy of it.

Very truly yours,

1283-08-08

August 8th.

M. W. To Granda, Esq.

National Electric Railway Signal Co.

Louisville, Ky.

Dear Sir:-

Referring to your favor of the 3rd. of August, "I do" not know exactly how you desire to use the insulation you ask information about. The following insulators may be made use of under varying conditions: paraffined wood, hard rubber, cloth or mica refuse.

Very truly yours,

1883-08-08

August 8th.

Paul D. Oyar, Esq.

Iama, Ohio.

Dear Sir:-

I am in receipt of your favor of August 3rd. and in reply beg to state that it is important that every tree should be located as to have to put them on our plans. Mr. Edison is very positive about this. I am always glad to get a letter from you as it invariably contains a lot of information about the general feeling in the territory through which you pass. I am sure that if you write letters of the same character to Mr. Stuart he must be very much pleased at receiving them.

Very truly yours,

1883-08-08

August 8th.

J. E. Morrell, Esq.

54 Theresien Strasse,

Munich, Bavaria,

Germany.

Dear Sir:-

I duly received your favor of Jul 30th. and am very much flattered that you should propose submitting your invention to me. I am, however, compelled with very great regret to inform you that it is quite impossible for me to take the matter up in any way as my time is now so fully occupied in the practical development of my electric light inventions that I cannot give the necessary time to do the matter justice nor do I think there is any possibility of my being able to do so for a very considerable length of time to come. I shall not be at the Vienna Exposition nor do I know if any of my people will be there as our exhibit there is made by our French Co. the Societe Electrique Edison, 33 Avenue de l' Opera, Paris, France.

Very truly yours,

1883-08-09

August 9th.

3

M. F. Moore Esq.

Edison Electric Light Exhibit,

Southern Hotel,

Louisville, Ky.

Dear Sir:-

If you can spare Doubleday, I shall be very glad to have him back again, as I need him in connection with my construction work.

Very truly yours,

1853-08-09

August 9th.

A. S. Bevis, Esq.

Care Edison Electric Mfg. Co. of Tiffin

Tiffin, Ohio.

Dear Sir:-

The Secretary of the Tiffin Company again complains about the roof of the building and says that it leaks very much indeed and furthermore that the belting has been damaged very badly by the leak. Now if we remember rightly, the damage to previous belt was owing to the careless use of water on either the engine of the dynamo. Has the belting now in question been damaged by leakage of roof or by the water which the engineer may have been using on the bearings of the dynamo machines or engines? Please inform us as to this and also as to the condition of the roof. Some months ago we were very anxious to put on a tin roof, but Judge Bunn, as Vice President, objected, and stated that the roof as then being put on by Mr. Rich would be quite satisfactory. The company is now claiming that we ought to put on another roof and replace their damaged belting. We think this is a very great injustice and would like to hear from you in relation to the matter.

Very truly yours,

T. A. E.

1883-08-09

August 9th.

Edison Electric Illuminating Co. of Hazelton,
Hazelton, Pa.

Gentlemen:-

cc Mr. C. Johnson
I have your favor of August 6th. With relation to the boiler, do I understand that you desire a man sent to Hazelton to examine same? If so please advise me. As to the injector, Mr. Rich informs me that he has no recollection of having told Mr. Markle that another injector should be sent to Hazelton. We cannot understand why you should have trouble with the injector inasmuch as when Joseph Blair was at Hazelton the injector was working all right. I am very anxious to fix everything entirely to your satisfaction and get a final settlement of my accounts with you.

Very truly yours,

J. A. C.

1883-08-09

August 9th.

S. D. Enloe, Esq.

Hazleton, Pa.

Dear Sir:-

3039's
523-9-2-11
I have your favor of August 6th. for which I am much obliged. From all reports I have heard I rather gather that the trouble with the running of the plant is more owing to the incapacity of the engineer than to defects in construction. I am told that the engineer in charge is by no means capable and that he does not understand his business. Do you know anything about this matter? If so, I shall be glad if you will post me.

Very truly yours,

J. A. E.

1883-08-09

August 9th.

E. B. Hubbard, Esq.

Edison Electric Ill. Co. of Tiffin,

Tiffin, Ohio.

Dear Sir:-

*Ans. 8th
Ans. 9th*

I have your favor of August 4th. With relation to your plant, I would state that the contract was originally negotiated with Judge Bunn, that the transactions of my staff with your company were mostly conducted through Judge Bunn, and that, as your Vice President, that gentleman wrote me a very long letter objecting to a tin roof which I was anxious to put on your station, and stating that the roof that Mr. Rich was at that time putting on was perfectly satisfactory. Under these circumstances, I cannot see why you should hold me responsible for any trouble with your roof or your belts. I would point out to you that Judge Bunn's interests are entirely with your company and that any suggestions he should have made cannot but be taken as coming directly from your company. I must insist on the immediate settlement of my outstanding account with you inasmuch as the matter has now been running such a very long time.

Very truly yours,

T. A. C.

[COPIES OF THIS LETTER WERE ALSO SENT TO
THE DEUTSCHE EDISON GESELLSCHAFT AND TO
THE SOCIETE ELECTRIQUE EDISON.]

1883-08-09

August 9th.

Edison and Swan United Electric Light Co.

57 Holborn Viaduct,

London, England.

Gentlemen:-

Edison and Swan United Electric Light Co.
The Edison Lamp Company having been organized as a corporation, it has been decided that all their foreign business should be conducted with them direct instead of through the medium of my office. I shall, therefore, be glad if in future you will kindly address all your inquiries with relation to orders for lamps to the Edison Lamp Company, Harrison, New Jersey, U.S.A. The cable address of the Lamp Company is Bamboo, Newark, New Jersey.

Should you desire any information concerning dynamo machines or should you require to order any, please address the Edison Machine Works, 104 Goerck street, New York City, whose cable address is Zydsum, New York.

Very truly yours,

J. A. C.

1883-08-10

August 10th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Your favor of the 5th. inst. came duly to hand.

I have written to Mr Rich concerning the freezing of the stream behind the Sunbury central station, and will let you know what he has to say about the matter later on.

Will you please go over to Shamokin on Monday morning and see what the condition of the central station is there, and telegraph me fully, so that I can post Mr Rich as to when it will be necessary for him to go there.

Very truly yours,

1883-08-10

August 10th. 3

Messrs. Drexel, Morgan & Co.

3 Broad Street, City.

Dear Sirs:-

Enclosed herewith please find statement of account against Edison's Indian & Colonial Electric Company, 4 & 6 Throgmorton Avenue, London, amounting to \$4,403.07. I also enclose insurance policy on goods shipped per M. "Tamaya", together with bills of lading in triplicate for same. I have written to Edison's Indian & Colonial Electric Company, stating that I have forwarded my accounts through you, and that Messrs. J. S. Morgan & Co. will hand them the documents on payment of check for \$4,403.07.

Will you please send these accounts forward to Messrs. J. S. Morgan & Co., with instructions to the above effect, and ask them to cable the amount immediately they receive it from the Indian and Colonial Company.

Very truly yours,

1883-08-10

August 10th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

The Sunbury Company propose that Mr Kirby should do their wiring without his receiving any further instructions how to do the work. Is he capable of making calculations and planning work for inside wiring? If he calls on you for assistance in this matter, you might give it to him while you are there, providing it does not interfere with your work.

Very truly yours,

1883-08-10

August 10th.

3

W. S. Andrews, Esq.

City Hotel

Sunbury, Penna.

Dear Sir:-

I telegraphed you last night that our accounts were all closed at Sunbury and that it would not be necessary to order any more material required there. This refers to every character of material used in the central station. You should collect all small bills immediately and send them forward to us and we will close the whole thing out just as soon as possible.

Very truly yours,

1883-08-10

August 10th. 1883

W. D. Rich, Esq.

Hotel Palmer,

Brockton, Mass.

Dear Sir:-

Have you made arrangements to carry water to the bearings of the dynamo machines and also of the engines? Mr. Edison is desirous that there should be running water carried to each bearing, and as I had explained to you when you were at Sanbury, will you please see that this is done at Brockton.

I enclose you herewith check for \$500. as requested.

When do you expect to favor us with a visit? I presume you will not wait at Brockton to put in the 14 1/2 x 13 engine, which cannot reach you until the 16th.

Yours truly yours,

1883-08-10

August 10th. 3

W. D. Rich, Esq.

Hotel Palmer,
Brockton, Mass.

Dear Sir:-

Your letter of the 6th. August, relating to Lawrence, came duly to hand, but I have been so pressed that I have been unable to take the matter up before.

It will be some weeks before the tubes will be ready to be laid at Lawrence, and there is therefore no very great hurry about fixing up our part of the work. My understanding is that all we are to provide is what is specified in our contract. The local company have got to finish up everything else, and I would suggest that you go over and see Mr. Lord or Mr. Clarke about the matter. At the same time will you please explain to them that the delay is a trouble over which we have no possible control. Your part of the work can be put in very quickly indeed, but unfortunately the Tube Company have been very greatly delayed in getting copper for the mains and leaders for Lawrence. This is now coming along in good style and I think the laying can commence about the end of this month.

Mr. Kruosi informs me that the Brockton tubes will be ready in about ten (10) days, so that there will be some slight

1883-08-10

August 10th.

3

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delay as to Brockton. I do not think that we will send the electrical men down until the time the tubes arrive at Brockton, as otherwise our expenses would be very great in keeping the men there until the station is ready to start.

My impression is that the brass strip that was sent you is too thick for your purpose, it is the nearest we could get to what was asked for. If not, will you please let me know about it.

Very truly yours,

1883-08-10

August 10th. 3

W. D. Rich, Esq.

Hotel Palmer,
Brookton, Mass.

Dear Sir:-

In a letter from Mr. Andrews the following paragraph occurs:-

"I hear that the stream at the back of the central station, from which we get our water, freezes solid in the winter. Some provision should be made before hand to provide water during the winter months."

Will you please let me have your comments on this.

Very truly yours,

1883-08-10

Oriental Telephone

August 10th.

3

G. A. Brown, Esq.

Western Electric Co.

62 New Church Street, City.

Dear Sir:-

Your favor of the 7th. inst. came to hand during my absence from the city. I have been holding the letter from Mr. Wells hoping to hear something concerning this matter from the Oriental Telephone Company, but have not up to this writing heard anything from them.

Mr. Edison thinks that it is impossible to accept from you a check for the amount of the Australian royalties for 1882. By the instructions of the Oriental Telephone Company, he served on your Company a notice, stating that he had assigned all his rights to the Oriental Company, and I think it would be a breach of his agreement with the Oriental Company if he were to accept the payment from your Company.

I have written to-day to Mr. George E. Gouraud, of London, who carried through the negotiations which resulted in the formation of the Oriental Telephone Company, asking him if he cannot use his good offices to effect some kind of a settlement of the dif-

1883-0810

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ficulties, and in connection with this matter, Mr. Wells is well acquainted with Mr. Gouraud, and I would suggest that he communicate with him concerning the matter.

Very truly yours,

Enclosure, B.

Telephone - New

1883-08-10

August 10th. - 3

E. T. Greenfield, Esq.

General Manager, Wiring Department,

292 Avenue B, City.

Dear Mr. Greenfield:-

Has everybody joined the Brotherhood.

Our entire telephone service is "N.G." If you can strike a "RAT" anywhere, get him to put our lines in order, otherwise we shall go crazy and have to join the brotherhood as a kind of a protection. That seems to be the universal remedy for everything now.

Very truly yours,

1883-08-10

August 10th.

3

Charles Batchelor, Esq.

Paris, France.

Dear Sir:-

I duly received your cable of the 2nd. inst. ordering carbons. I do not know where you require those sent, so shall ship them to the Edison Electric Company, Hamburg, and you can then make such disposal of them as you desire.

I shall send you a sketch of the 100 light machine by Tuesday's mail without fail. Models of the 25 light, 50 light and 200 light are now being made, and as soon as those types are decided on, I will send you sketches of them.

Will you please let me know by cable if I am to send a 25 light machine, a 50 light machine and a 200 light machine to the Gorman Company as models?

Yours very truly,

1883-08-10

August 10th. 3

Spencer Gordon, Esq.

P. O. Box 8311,

Boston, Mass.

Dear Sir:-

Referring to Mr. Edison's letter of even date and my conversation with you, with relation to this matter this morning, I beg to inform you that I have requested Messrs. John S. Whitney and Edwin L. Holbrook to report to you on Monday morning next, when you will send them to Waterville, Maine. If you have to incur any expense in relation to those men, please let us have a note of it and we will reimburse you for the amount.

Very truly yours,

1883-08-10

August 10th. . 3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I am arranging to light up some cotton mills in Shanghai and the gentleman I am in communication with desires me to have two of his men broken into our way here before they leave for China. My impression is that they would get the experience desired in mill work in New England. Can you possibly place the men for two or three weeks? They leave here on the 15th. September. I want them instructed as to the wiring work, and in fact as to the whole work in connection with one of our installations. Of course they would be of no expense to your department, you would get their services, such as they are worth, during the time they are learning. Will you please let me know by wire in the morning what you can do, in order that I may make arrangements as to the disposal of the men right away.

Very truly yours,

1883-08-10

August 10th. 3

J. R. Brockon, Esq.

10 Pawcett Street,

Sunderland, England.

Dear Sir:-

I am in receipt of your favor of July 20th, and am very sorry indeed to hear that your venture with the electric pen has failed to such an extent that you are the loser to the amount of 7,000. I cannot see, however, any reason whatever for your appealing to me to reimburse you for some of your loss. Simply because I make an invention and sell it to parties, whom it is natural to assume know what they are buying, does not seem to me any good cause for my bearing part of the loss in exploiting it.

I must confess that I consider the failure, in connection with the electric pen, is due mainly to the manner in which I understand it was handled in England. In this country, those who have gone into it have made money out of it, and surely such a result would be just as possible in England as in the United States. It is always a matter of very great regret to me to hear of anyone's failure to remunerate themselves, owing to investment in my inventions, and it is also a very great pleasure to

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me to be able to state that such a misfortune occurs very seldom
indeed.

Very truly yours,

Abraham Lincoln

1883-08-10

August 10th. 3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Referring to your letters to Mr Edison, will you please send a working drawing of the double main switch you want for Shamokin and we will have one made immediately. You might, at the same time, inform me as to whether the dynamo changing switches which you now have at Sunbury can be altered over to answer the purpose. You have two of these switches at Sunbury and three at Shamokin, and what we want to do is to make them available, if possible, at the least possible expense to us. Anyway you had better ship back the two dynamo changing switches, you now have, to Bergmann's, and advise me when you make the shipment.

I have written to Louisville asking Mr Moore if he can spare Doubleday. If he can, we will order him to Shamokin to assist you in fixing up the station there.

Very truly yours,

1883-08-10

August 10th. 3

Frank S. Marr, Esq. Secty.

Edison Electric Illuminating Co.

Sunbury, Penna.

Dear Sir:-

I am in receipt of your favor of the 6th. inst.

My letter to Mr. McCormick fully explains that Borgmann & Co. cannot reduce the estimate on the hotel, and I sent you a copy of that letter.

If you think that Mr. Kirby is capable of doing the ~~wire~~ wiring work, Borgmann & Co. will supply your Company at the regular rate. Borgmann & Co's address is 361 Avenue B, New York City, and anything you require of them should be ordered from them direct.

Very truly yours,

1883-08-10

August 10th. 3

T. W. Andrews, Esq.

City Hotel,

Cambridge, Iowa.

Dear Sir:-

I have your letter of the 7th. inst, and in reply beg to state that we dare not have more than one per cent drop in services, but they can be calculated for the maximum lamps in use at any one time and not for the lamps installed, as it is very seldom that the consumer draws all his lamps at once. With the three wire system service calculated as if there were two lamps in series, or four times less copper, then add the middle wire, this will give you a saving of 02 ¹/₂ per cent over the two wire system. If we could dispense with the use of the third wire, there would of course be only ¹/₄ of the amount of copper formerly used, but as we are obliged to have this third wire, it reduces the saving to 02 ¹/₂ per cent.

Very truly yours,

1883-08-10

August 10th.

A. Stuart, Esq. Secy.

Ohio Edison Installation Co.

50 West Front Street,

Cincinnati, Ohio.

Dear Sir:-

Your letter of the 6th. inst. came duly to hand.

With relation to Hamilton, when the map of that town was made, I found that for electric lighting it is by far the worst town that we have yet had to deal with of all the towns that we have canvassed. Of course this could not be foreseen by you, but still it was very unfortunate that the first town chosen should be a very poor one. ~~In~~ consequence both of the scarcity of the lighting and the heavy investment necessary to take care of it, I ~~have~~ therefore decided to hold Hamilton back until after Middletown was ready. My Engineering Department is not at all to blame, ~~or~~ *and* if anybody is at fault, it is myself for ^{not} wishing you to put our light in a town where you would meet with greater difficulties than you ordinarily would. I find that the Middletown canvass arrived here on the 1st. August. On the 6th. August a complete map drawn to scale, with the results of the canvass thereon, was sent to you, to enable you to choose a central station. Georgetown canvass arrived here on the 26th. July, Hamilton on the 24th, and the maps

1883-08-10

August 10th. 3

of these toms were sent you to-day. Washington map (the canvass of which arrived here on the 4th.) will be sent to you to-morrow and Piqua (which arrived on the 5th.) will be sent you on Monday. So when you get the Piqua map, the canvasses will have averaged 9 days in our office here, and if you leave out of consideration Hamilton (which I purposely held back), the other 4 will have averaged ¹ 7 2 days in the office, so I really do not think there is any cause for complaint on this score.

If you will hurry forward the data on central station lots, I will see that your estimates go forward to you very quickly. I do not care to give you any rough estimate of what it would cost to put a plant in. My experience is that rough estimates are ^{they do} very deceptive, and ~~may do~~ not at all represent what the real estimate will be.

With relation to your office plant, I find that your order reached the Isolated Company on July 25th. On the next day the material estimated as being required for the work was shipped, and a man followed immediately to commence work, July 30th. An engine, which had to be ordered from the makers, was shipped from Providence on August 5th, and the dynamo was also sent forward so as to be delivered about the time that the engine arrived. I am sure I cannot see any cause for complaint of delay here with

1883-08-10

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the Isolated Company.

I know you are very anxious indeed to get matters started in Ohio, and I have done everything possible to assist you.

From the list of towns given me by Mr. Dyor, which you desired him to canvass, I promise that he will soon be ready to come back. I would urge upon you to get out another list, and let him proceed to canvass them while he is on the ground.

He goes through canvasses very quickly, and it is much better that this work, which is of necessity rather slow should be got ahead while he is in the territory. Will you please let me have your views on this matter.

I hope to send you photographs of the H machine, of which you will probably use a great many, by mail early next week.

"If you succeed in getting it through your hair that we want to do some business", as ~~was~~ ^{you} as yourself, I do not think that you will write to us complaining of delays, which I must confess ~~are~~ ^{are to be} justified by the facts as given above.

If you do not move very lively in getting your central station lots, I fancy you will be having a batch of complaints from us.

Yours very truly,

1883-08-10

August 10th. 3

A. Stuart, Esq.

50 West Front Street,

Cincinnati, Ohio.

Dear Sir:-

I enclose you herewith ~~maps~~ of Georgetown and Hamilton with red pencil circles drawn thereon. I want the size, price and full particulars as to a number of lots within the circles referred to. The lots should be marked clearly on the map and the map returned with the statement giving the information above requested. In fact I want precisely the same information as in the case of Middletown, which was sent you the day before yesterday.

I will write you fully as to your letter of the 6th.
to-night.

Very truly yours,

1883-08-10

August 10th, 1883

E. P. Fabbra, Esq.

3 Broad Street, City.

Dear Sir:-

Your favor of the 7th. inst. came duly to hand.

I will have the copies made of the agreement with Mr. Bailey and sent to you for signature as early as possible.

Mr. Johnson took with him yesterday a copy of the letter addressed to Mr. Waterhouse, with reference to the English amalgamation scheme. I must apologize for this not having gone forward to you at the time the letter was written, but instructions were given to have copies made, one for you and one for Mr. Lowrey, (the letter as of Mr. Lowrey's dictation) but owing to the clerk, who had it in hand, going away suddenly on his vacation, the matter was lost sight of until your letter of Reminder was received.

Very truly yours,

1883-08-10

August 10th.

A. B. Johnson, Esq. Secty.

Edison Electric Illuminating Co.

Utica, N. Y.

Dear Sir:-

I have the pleasure to enclose you herewith blue print of the ground plan of the proposed ~~central~~ station at Utica. This plan is arranged so that when your company desires to double the plant now proposed to be put in it can be done with very little addition to the present building and without interfering with running of the present plant.

Very truly yours,

1883-08-10

August 10th!

3

Messrs. Harris & Robinson,

Room 2, Trust Co's Building,

Hartford, Conn.

Dear Sirs:-

I send you by this mail a blue print of the town of Hartford, and shall be glad if you will send us at the earliest possible date a list of plots of ground for sale within the area marked by red lines. Anything within the outside circle will suit for our central station. We do not want land in a prominent street where it is expensive, but in some back street or alley.

In sending us a list of the lots, please give us the exact sizes of them, the price at which they can be purchased, and locate them on the enclosed blue print. We want a lot not less than . . . x

Immediately we get the above information, we can proceed to make an electrical determination of Hartford and get out our estimates, and inform you which is the most desirable lot to purchase.

We do not want you to close any arrangements as to land, until we inform you which is most suitable for our purpose, as it very often occurs that the most expensive plot of ground is really the cheapest for our purpose, as owing to its location the cost of the underground mains and feeders are very much reduced.

Very truly yours,

1883-08-10

August 10th. 3

P. B. Shaw, Esq.

Williamsport, Pa.

Dear Sir:-

I have just telegraphed you to find out to whom I can address an inquiry with reference to lots for central station at Bellefonte. As soon as I get this information, I can proceed to have an estimate prepared. This estimate will be got out in precisely the same manner as that for Watsonstown.

If the Bellefonte Company desire that I should instal their plant, I should be very happy to undertake to do so, but shall not allow my estimate to be cut to pieces in the manner in which that for Shamokin was treated, inasmuch as experience proves to me that that is a very unfortunate way to do work, alike for myself and for the local company.

I shall also require the Bellefonte Company to have their capital actually paid up and in the bank, before I undertake to build their station, as it is quite impossible for me to take the same course that I did in reference to Sunbury and Shamokin, where I find, much to my disappointment, I shall get by no means the cost of the plant paid for in cash.

I shall also be glad if you will let me know where I am to send the Bellefonte to, to you at Williamsport or at Cincin-

1883-08-10

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natl.

Very truly yours,

1883-08-10

August 10th. 3

The Armington & Sims Co.

Providence, R. I.

Dear Sir:-

I have your letter of the 8th. It is evident that you had better abandon your method of steel castings and do the work in the regular way. Sometimes the longest way there is the shortest way home.

Very truly yours,

1883-08-10

August 10th. 3

W. D. Rich, Esq.

Hotel Palmer,

Brockton, Mass.

Dear Sir:-

I am in receipt of a letter from the Armington & Sims Company, stating that they cannot give you the large engine before the 18th. This, however, will, I think, be in plenty of time, as the tubes will not be ready much before then.

Very truly yours,

1883-08-10
August 10th. 3

W. F. Brewster, Esq.

Delafield, Wis.

Dear Sir:-

I duly received your favor of the 7th. inst.

Mr. Wilson informed me that he thought he would drop St. Paul and Minneapolis until next season, as the frost comes there early next month, and it would be impossible to close matters up in time and get the plants up before the winter sets in.

When do you propose putting the St. Louis ~~xxxxxx~~ business through?

Can you tell me anything about New Orleans? When you were here you spoke about a Captain Boynton, who, you said, was anxious to take up New Orleans. We could deal with that City very nicely in the winter time, and if there are any immediate prospects in that City, why then we can have it canvassed.

Business is going along very well. The Isolated Co. are getting some good orders. The Louisville Exposition lighting is a perfect success, and everybody connected with the Exposition is highly gratified with the results attained.

Our plant at Sunbury is running splendidly. Shawokin and Brockton will be ready to start in a very short time, and Lawrence will follow very quickly after.

1883-08-13

2

The central station down town is in perfect condition, and in fact the business prospects all around look very good.

Very truly yours,

1883-08-10

August 10th. 3

George H. Bliss, Esq.

Chicago, Ills.

Dear Sir:-

Your two letters of the 7th, to Mr Insull and myself,
came to hand this morning.

We need Mr Cooke to do canvassing here, and immediately
he gets through at Mendota, we should like him to come back again,
unless you desire Milwaukee canvassed right away.

Very truly yours,

1883-08-10

August 10th. 3

A. A. Dowles, Esq. Secy.

Ansonia Brass & Copper Co.

19 Cliff Street, City.

Dear Sir:-

I have your favor of August 8th, and am much obliged
for the explanations contained therein. As I write in understand-
ing that the prices for paragon wire are subject to the special
arrangement agreed upon between Mr. Edison and yourself?

I hope to be able to fix up something in relation to our
account either to-morrow or Monday.

Very truly yours,

1883-08-10

August 10th.

3

C. H. Cook, Esq.

care Western Union Bldg No.

Chicago, Ills.

Dear Sir:-

I am in receipt of your favor of the 6th, and have also received the canvass of Racine, and your report thereon.

I telegraphed you this morning to draw at once day's sight for \$100. to cover your expenses, and have telegraphed you this afternoon to return here, unless the Western Company are ready for you to canvass Milwaukee.

Very truly yours,

1883-08-10.

August 10th.

3

Thomas W. DeWitt, Esq.

Williamsport, Penna.

Dear Sir:-

I have your telegram of this date in reply to my telegram addressed to Mr. Shaw. I do not know Mr. Valentine's initials, and fearing that there may be more than one Valentine in Bellefonte, I send the Blue print on to you, and shall be glad if you will send it to the right party in that town.

You will notice there are a number of circles drawn on the map in red pencil. I want a list of lots, the exact sizes of same, and prices anywhere within those circles. I can then decide which one is the best adapted for our central station and the cheapest for our work, owing to its position being near or far from the centre of lighting. I do not want the Bellefonte people to get a lot until I tell them which is the best one for the purpose. What I want is a number of lots, so as to give me an opportunity of choosing which is the best. Until I get this information, it is impossible for me to go ahead with the electrical determinations and the estimate for Bellefonte. The lots should be marked clearly on the map and the map returned to me with a statement of the prices and sizes, and the nature of the ground, and whether any buildings are on the lots.

yours,

1883-08-11

August 11th. 3

A. Stuart, Esq.

50 West Front Street,

Cincinnati, Ohio.

Dear Sir:-

I enclose you herewith letter from Mr. W. G. Conover,
of Piqua, Ohio. I have sent to Mr. Conover a set of our Bulletins
and have offered to give him any further information he may desire,
but have suggested that he should communicate with you as to
matters in relation to electric light.

Very truly yours,

Enclosure.

1883-08-11

August 11th.

3

W. C. Conover, Esq.

Conover's Opera House,

Piqua, Ohio.

Dear Sir:-

I am in receipt of your favor of the 6th. inst, and am glad to hear of the interest you take in electric light matters.

I have given instructions for a full set of our Bulletins to be sent you, and they will in all probability go forward by the same mail that carries this. After a perusal of them you will be able to judge better of the nature of our business and the extent of our operations. Any farther information that I can give you will be gladly given.

I have sent your letter on to Mr. A. Stuart, Secretary of the Ohio Edison Installation Co., 34 West Front Street, Cincinnati.

Very truly yours,

1883-48-13

August 18th.

3

Messrs. Bradstreet,

279 Broadway, City.

Dear Sirs:-

I shall be glad if you will kindly supply us with a special report on the standing of Henry P. Barbour, 34 & 36 New Street, New York.

Before you issue your next book, would you kindly send a representative up to see me with relation to the rating of the various manufacturing establishments with which Mr. Edison is connected. I think I can give him information which will make such a showing as to enable you to quote the Edison Machine Works, The Edison Lamp Co., The Electric Tube Co. and Messrs. Bergmann & Co. far higher than you quote them at present. Please do not take this as a complaint as to the rating you give these various establishments, it is at present very good, but our impression is that it should be better.

Very truly yours,

1983-08-13

August 18th,

3

J. E. Jayno, Esq.

De Witt,

Clinton Co. Mich.

Dear Sir:-

Your favor of the 8th, addressed to Menlo Park, has been forwarded to me, and in reply I would inform you that in order to propel a river boat by electricity it would be necessary for you to use storage batteries. These batteries would have to be charged by the use of a steam engine and dynamo electric machine. The expense of this mode of propelling a boat would be very great, and its reliability be very questionable, and I think you would do far better to confine yourself to the steam engine and boiler in the boat itself. If, however, you are determined to use a storage battery, I would refer you to Mr. W. S. Keith, Electrician, of this city.

Very truly yours,

1883-08-14

August 14th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

Your favor of the 10th inst. came to hand yesterday.

I note what you say about Mr. Farby. The Varing Department are going to send a man to Sunbury to teach a local man all about wiring, at the request of the Sunbury Company, and the suggestion that they should make such a request originated from us.

As soon as you send a working drawing of how the present dynamo switches can be connected to suit your purpose, I will have two fixed up and shipped to Shesekin for you to use there.

I am sorry I have not been able to send you a check to pay the engineer and to reimburse you, but I will in all probability do so Wednesday or Thursday.

Mr. Edison is away to-day, but immediately he returns, I will ask him to write you about the other points you raise in your letter.

Borgmann & Co. have received all the stuff that you have shipped them, except the moulding.

Very truly yours,

1883-08-14

August 14th.

3

Frank S. Marr, Esq. Treas.

Edison Electric Illuminating Co.

Sunbury, Pa.

Dear Sir:-

Your favor of the 8th, addressed to Bergmann & Co. ordering lamps, has been referred to me, and I have handed it to the Secretary of the Edison Electric Light Company, to whom all orders for lamps should be addressed.

We shall look forward to receive a check from you tomorrow morning for \$2,500., as promised to our Mr. Insull, on the occasion of his meeting the Board of Directors of the Sunbury Company at Williamsport.

Very truly yours,

1883-08-14

Exhibitions

August 14th. 3

H. M. Doubleday, Esq.

Edison Electric Exhibit,

Southern Exposition,

Louisville, Ky.

Dear Sir:-

We are in receipt of your favor of the 11th. inst.

We will send you a remittance to-morrow or next day.

We wrote Mr. Moore asking him if he could spare you, as
Mr. Andrews wants you to assist him at Shennokin, but have not up to
this time received any reply.

Yours truly,

1883-08-14

Phonograph -

Gen.

August 14th. 3

T. Maguire, Esq.

"The Herald"

Boston, Mass.

Dear Sir:-

I duly received your letter of the 12th, and in reply would beg to state that I have had my men hunting everywhere for a Phonograph, but they cannot find one.

We are about to have some made, and as soon as we get one ready, I will send it on to you.

Very truly yours,

1883-08-14

August 14th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Pa.

Dear Sir:-

Your favor of the 11th. inst. came duly to hand, and in reply I would beg to state that we are getting up a safety catch which will be put at the junction of the feeders with the mains, and will also take care of the pressure wire. As soon as we have something that will answer the purpose, we will send you one.

The wiring at Sunbury of mains and feeders was put up to lose 3 and 15 per cent with the present load. I should say one volts higher at the terminals would make the feeders all right. You can easily figure this out for yourself.

When are you going to send me answers to the questions which I sent you. I am urgently in need of them.

Very truly yours,

1883-08-14

August 14th.

3

M. P. Moore, Esq.

Edison Electric Exhibit,

Southern Exposition,

Louisville, Ky.

My dear Moore:-

Your favor of the 11th. came to hand yesterday.

I regret that our man "Friday" should be hard up and disconsolate, but he has already had more money from us than he is entitled to, and that is the reason that I have not sent him another remittance.

From what Hutchinson says, we must all be in the same boat. We are worse than hard up here, and I really sympathize with you in not having enough money to supply yourself with cigars.

Very truly yours,

1883-08-14

August 14th. -8

Paul D. Byer, Esq.

Post Office,

Tiffin, Ohio.

Dear Sir:-

Your favor of the 10th. inst. came to hand yesterday, and your telegram stating that Mr. Stuart had forwarded you a check of \$50..

I am delighted that for once you should be in funds, and hope that ere this you will have been enabled to "BLOW OUT" your numerous personal effects, which want of the bare necessities of life compelled you to "BLOW IN". For the sake of our credit, I hope you have by this time returned that "v", which you say you were compelled to borrow at Washington. I really sympathize with you in your numerous trials and tribulations about money matters, but in order to save time, I think Mr. Stuart will send you a check whenever you require it, if you will apply to him in future, and we can reimburse him on notification.

Your graphic description of Eliza is both interesting and amusing, and shows what a great advantage it is to have an intimate acquaintance with such architectural edifices as Billy McElroy's, Owney Goughgan and other buildings of the same character in New York, your knowledge of which is wellknown to all who are

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acquainted with you.

But joking apart, I cannot but repeat myself and state that I am always glad to get letters from you containing information about the general feeling as to electric light matters.

I have written Mr. Stuart, suggesting that he should supply you with another list of towns to canvass, so that my impression is that it will be sometime before you can retire from that State, which you describe as being hotter than "H---".

Very truly yours,

1883-08-14

August 14th. 3

Thomas C. Detwiler, Esq.

Williamsport, Pa.

Dear Sir:-

Our Mr. J. R. Campbell will be in Bellefonte in the course of a week, in order to arrange for the location of our poles for our mains and feeders there. Will you please send to Mr. Campbell at the Post Office, Erie, a letter of introduction which will enable him to get at the proper parties in Bellefonte, so as to make his task as easy as possible.

Very truly yours,

1883-08-14

August 14th.

3

J. Ott, Esq.

G-O Bergmann & Co.

293 Avenue B, City.

Dear Sir:-

Will you please design the very cheapest form of meter for six lights. We want to get it out, so that it will not cost more than \$2. or \$2.50, if possible.

Very truly yours,

1883-08-14

August 14th.

3

W. P. Edison, Esq.

Port Huron, Mich.

Fried Pitt:-

I received your letter of August 12th. I do not think that I can find you anything in connection with our business here, and I think the best thing that you can do is to look out for something where you are.

With kind regards,

Yours,

1883-08-14

August 14th.

3

Charles Batchelor, Esq.

Paris, France.

Dear Sir:-

Enclosed herewith please find letter from Mr. Sorrell
as to the payment of the Pac Simile Telegraph patents for Belgium.
I would beg of you to dispose of this matter in the same way as
the French applications and which I wrote you about.

Very truly yours,

Enclosure.

1883-08-14

August 14th.

3

L. R. Curtis, Esq.

Mendota Electric Light Co.

Mendota, Ills.

Dear Sir:-

Your favor of the 10th. inst. came duly to hand.
Ordinarily we do not require our central station lot
excavated, providing it is flat, as we do not put anything below
the surface, except the foundations, and those are of no great
depth. We find it too expensive to have collars.

Very truly yours,

1883-08-14

August 14th. 3

F. E. Clarke, Esq. Pres.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

Your favor of the 13th. came to hand this morning.

Mr Edison is absent from town to-day, but will be back to-morrow, when I will lay it before him.

I can assure you that everything possible is being done to hurry forward the tubes for Lawrence. The interior of the station is a small matter as compared with the tubes. If we cannot get the whole of the tubes laid by September 1st, I think it possible that we will get enough to supply the lighting that you have contracted for for that date. Can you give us a memo-

randum of the position of the lights so contracted for?

Mr Edison will doubtless write you to-morrow.

Very truly yours,

1893.08.14

August 14th. 3

A. S. Kinsell, Esq.

Nashville, Tenn.

Dear Sir:-

Your letter of the 10th. came to hand yesterday, and in reply we would beg to state that we have no estimates of Sunbury, such as prepared for Brockton and Shumakin.

To put in a plant of 500 lights it costs about from \$12,000. to \$13,000.

We are much obliged to you for the information about storage batteries. ~~cannot~~
xxx

If you can raise a capitalization of \$100,000, we can put a plant in Nashville, which the \$50,000. capitalization would cover.

With reference to Isolated business, you ought to apply to Major Eaton.

I do not understand your sixth request, as follows, "send your artisan, who is very friendly to us." Please explain.

We have no formula for circular mileage. That Messrs. Sparaghe and Campbell were working on is for private use in my office, in connection with our central station work.

Shall be glad to hear of your progress from time to time.

Very truly yours,

1883-08-14

August 14th. 8

Charles Batchelor, Esq.

Paris, France.

My Dear Batchelor:-

Mrs. Adams called on me the other day and asked me to arrange with Weber to store your piano. I arranged with them to do this, and Mrs. Adams went to Monlo Park when they sent for the piano. It will now be kept safely until you require it.

Don't you think that the remainder of your furniture at Monlo should be stored somewhere. I am afraid that if it remains in the house there it will be good for nothing by the time the winter is through.

I do not think that anyone will be in Kruesi's house this winter, as Claudius, who is now there, will in all probability be moved back into New York, as Edison is anticipating making the determinations of the conductors in the office here mathematically. There would therefore be no furnace lighted either in Kruesi's house or in yours. Mrs. Adams says that the result will be that your furniture will be good for nothing by next summer. If you want it moved and desire me to attend to it, I will see that it is done properly. It could be packed in a car at Monlo and brought

1883-08-14

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to New York and stored. Please let us hear from you on the matter

Yours very truly,

110777

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August 14th. 3

M. A. Clarke, Esq.

5 Hoen Building,

Baltimore, Md.

Dear Sir:-

Our Mr. J. R. Campbell leaves here for Erie to-night to endeavor to obtain permits to place our pole lines on private property there, and if you can give any letters of introduction that can be of assistance to him, we shall be very glad if you will kindly send them addressed to him at the Post Office, Erie.

Could you send to Mr. Campbell a list of those interested in the Edison light in Erie, so as to enable him to know who is dealing with if he should come in contact with any of them?

Very truly yours,

1883-08-14

August 14th. 3

S. B. Paino, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I have your favor of the 11th. August. You can take almost an unlimited number of copies from a stencil produced by means of the electric pen. It requires some little practice to handle it properly, but if you will apply to the Western Electric Company, 42 New Church Street, New York, they will tell you all about it.

Very truly yours,

1883-08-15

August 15th.

3

Frank H. McCorrick, Esq.

Williamsport, Penna.

Dear Sir:-

Your favor of the 11th. came duly to hand. I would have answered it before, but Mr Edison has been out of town, and I wished to consult him about the matter.

Messrs. Bergmann & Co. have promised to send a man to Sunbury for us to-morrow night. He will take with him such material as will be requisite for him to start work, and he will then let you know what else you require, which you will have to order from Messrs. Bergmann & Co., 262 Avonue B, New York.

It was agreed at the meeting, which I attended at Williamsport, that a check for \$2,500. should be sent to Mr Edison, so that he would get it to-day. I wired Mr Marr yesterday about the matter, asking whether it had been sent, but got no reply from him, neither have I heard from him to-day by letter as to it. I have this afternoon wired to you and also to Mr Marr, and shall hope to get a check to-morrow morning.

Very truly yours,

1883-08-15

August 15th. 3

H. P. Moore, Esq.

Edison Electric Exhibit,

Southern Exposition,

Louisville, Ky.

Dear Sir:-

I have your letter of the 13th. inst.

I did not understand that you would require Mr. Doubleday to stay at Louisville all through the Exposition. If you have a man at Louisville that you can break in to the work, that Doubleday is required to do, I should be glad to have him back again.

If, however, you have not got such a man, I presume you had better keep Doubleday, but he is of much greater value to me in our central station work than he can be to you at Louisville.

Besides, I think he is a high priced man for you, as I pay him \$75. a month and \$2.50 a day for expenses, besides his railroad expenses.

I am sorry to hear that you have had the "shakes".

I certainly congratulate you on the successful running at Louisville, and think that Thompson will do us a great deal of good.

Very truly yours,

1883-08-15

August 15th.

Messrs Drexel, Morgan & Co.

3 Broad Street,

N. Y. City.

Dear Sirs:-

I enclose you herewith letters which I have received from Messrs Bircham & Co. and Waterhouse, Winterbotham & Harrison together with other documents, all referring to the reduction of Electric Capital of the Edison Indian Colonial Company. I have signed the letter of retainer and enclose it herewith: If you approve of same, will you please send it forward to Messrs Bircham & Co. or to Waterhouse, Winterbotham & Harrison, together with a similar letter signed by yourselves?

Very truly yours,

JAC

order 1/20
1883-08-15

1893-08-15

Aug. 15th.

F. F. D. Hand
H. W. Spang, Esq.

Ball Electric Mfg. Co.

Reading, Pa.

Dear Sir:-

I am very much obliged for your favor of the 11th. inst. I shall hope to see you at Phila. during the Electrical Exposition there. With relation to the electric railway, I would state that I did not defend my application in the Patent Office as against Mr. Field in consequence of the consolidation and I think that is the reason he won the case. The fight was entirely a friendly one as the patents, whoever issued to, would belong to the same company. I think Mr. Field is very fond of talking big which to my mind explains a good deal that appeared in the newspapers recently concerning electric railways.

very truly yours,

Thos A Edison

1883-08-15

August 15th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

SUNBURY STATION? Will you please see Mr. Marr and arrange for the Sunbury Co. to pay the engineer and motorman, after their first month expires. We will meet their expenses for the first month, after that everything should be paid for by the Sunbury Co. And you should also see Mr. Marr about a set of books to be started for keeping the records of the station at Sunbury. Will you please ask him if he would like us to supply him with the books best adapted for the work, or whether he will arrange this himself? It is immaterial to us who does.

SHAMOKIN. You had better ship back to us the dynamo changing switches now at Shamokin. There are three of them, I think. If we are to have those switches altered for your use at Shamokin, you should give us the working drawings immediately, in order that we can have this done.

Mr. Rich will be at Shamokin on Friday morning, and as his work will take very little time, I think you should go on with your part of the work at the earliest possible moment.

I presume that you can use the switches you now have at Shamokin somewhat after the old style that you have used them at

1783-08-15

August 11th. 3

Sunbury, with the exception of the dynamo changing switches, two of which we will have made into a double dynamo changing switch, as soon as you return them to us with the working drawings. There are some switches for switching out the field, which you can use as the third switch with the other two feeder switches, just as you have done at Sunbury. There are also two house changing switches at Shamokin, these you can use for the same purpose that you have used the old house changing switches at Sunbury.

I will send you word later as to your returning us some of the Shamokin motors.

With relation to an assistant at Shamokin, Mr. Edison thinks that you can pick up a cheaper man there than Kirby would be, I do not think that we ought to have to pay his expenses. Why could not Mr. Conant help you at Shamokin in fixing up the station, Doubleday is engaged at Louisville, and I do not think we shall see him back for some time. We want to economize in this kind of work as much as possible, and inasmuch as Mr. Conant has practically nothing to do, if you could make use of him it would be much better for us.

You should see Johnson at Shamokin, and go over his lines, to see that they are all in order, as he will be through there in a day or so. When he is gone it will be difficult to

18P3-08-15

3

got things fixed.

Very truly yours,

1883-08-15

August 15th.

3

Thomas P. Conant, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Referring to your favor of the 14th inst, I cannot say what I shall do with relation to the position of-engineer at Shamokin. If Pateman lives in Sunbury and has nothing to do, he might try to pick up information as to the work, as it might be something in his favor when we come to get a man for Shamokin. Of course I should not pay him for any time he might give in this manner.

Very truly yours,

1883-08-15.

August 15th, 1883.

A. Stuart, Esq.

Ohio Edison Installation Co.

Room 2, Bradford Block,

N. W. corner 6th & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

I send you by this mail under separate cover a blue print of Piqua, on which is marked red pencil lines, within which it is desirable that the central station should be located.

Please send information as to lots within that area at your earliest convenience, and oblige,

Very truly yours,

1883-08-15

August 15th. 8

George H. Bliss, Esq.

Chicago, Ills.

Dear Sir:-

I send you by this mail under separate cover a blue print of Neenah; on which is marked a red pencil circle, within which it is desirable that the central station lot should be located. Will you please supply me with a statement of any lots that may be for sale within that area; the nature of the soil; of each; exact size and price of each; also please let me know whether there is city water at Neenah or whether we should have to depend on wells; if we should have to dig a well on the lot or whether we could get our water from the canal, and would permission be given to lay a pipe from the canal to the lot.

In sending this statement, please return the blue print with each lot you refer to in your statement clearly located on the blue print.

Yours truly,

1883-08-15

August 15th. 3

Spencer Gordon, Esq.

P. O. Box 3311,
Boston, Mass.

Dear Sir:-

I send you by this mail under separate cover a blue print of North Adams, with red pencil circle marked thereon, within which it is desirable that the central station lot should be located. Please supply me with such lots as may be for sale within that area; giving nature of the soil; whether the lots are flat; the exact size of same and the price of each lot.

Yours truly,

1883-08-15

August 15th. 3

Thomas P. Conant, Esq.

City Hotel,
Sunderbury, Penna.

Dear Sir:-

Referring to your letter of yesterday's date, all information of any such character as you mention can be obtained from this office, and Mr. Edison desires that you should not give anybody information as to the work.

You might write to Mr. Clarke, and refer him to this office..

Very truly yours,

1883-08-15

August 15th.

3

C. H. Cooke, Esq.

U. S. Hotel,

Lowdburgh, N. Y.

Dear Sir:-

Your draft for \$100., drawn when you were at Mendota, came to hand yesterday.

I particularly asked you when you were here, if you had drawn a one day sight draft, as instructed, or a demand draft, and you informed me the former. The draft, when presented to us, was payable on demand and made out so by you. Of course this is a small matter, but as Mr. Edison was away when the draft arrived, it caused me some inconvenience.

Whenever you are instructed to draw, be very careful that you draw at one day's sight, unless you are positively instructed in the telegram to the contrary, as otherwise we are liable to have a protested draft knocking around New York.

Yours truly,

1883-08-16.

August 16th.

3

C. E. Spairs, Esq.

C-O D. Van Nostrand,

23 Murray Street, City.

Dear Sir:-

I have your letter of the 15th, which came to hand this morning.

I hand you herewith a note for \$340., in part renewal of Mr Edison's one of \$343.36, due on the 16th. inst. If you will send me up the cash for the enclosed note, I can take care of the one now falling due.

Very truly yours,

1873-08-16

August 10th. 3

G. W. Wilbur, Esq.

Wilson House,
Hatick, Mass.

Dear Sir:-

I have your letter of August 15th.

I do not exactly know what Mr. Spencer Borden could have referred to, except that he informed us by a remark made by you to someone, to the effect that you were poorly paid, in reply to which remark of Mr. Borden's I said that I should think Mr. Wilbur would make that remark to us here in the office, rather than to anyone else. I have no recollection of Mr. Edison being particularly exercised at your saying this, and even if he were, I do not think you have any need to bother yourself about the matter, unless some censure on yourself emanates from this office.

What people say outside should not trouble you in the least.

All you have got to be concerned about is what we say to you from here, and what we have to say is that your efforts to do good work are by no means forgotten, and your canvasses have been very satisfactory indeed, and so far as I can see you have got through your work very rapidly. The next time that anybody tells you that Mr. Edison is considerably exercised about anything you may do, all your need bother about it is to write me and I will give you an

1883-08-17

August 17th. 3

Société Industrielle et Commerciale Edison,
Ivry-sur-Seine, France.

Dear Sirs:

Your orders of August 3rd. and July 21st. have been
referred to me by the Lamp Company.

Will you please send in the future all orders, the
invoices of which you wish me to pay, through me, as it will save
some inconvenience in dealing with our shops.

Of course if you want the bills sent direct from each
shop, then it would be better to send the orders direct, but this
would cause some confusion.

The Lamp Company write me under date of August 14th, the
following:-

"We herewith quote prices, which we propose to charge for
fibres and carbons, and would like you to mention same on order;
also to have it understood that we are not responsible for breakage
of carbons after they leave our factory.

Fibres unpacked, 16 candles, 4 cents; 8 candles, 2 2
cents; 32 candles, 7 cents; 50 candles, 10 cents; 100 candles,
12 cents.

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Carbons unpacked, 10 candles, 7¹/₂ cents; 8 candles,
5 cents; 10 candles, 10 cents; 32 candles, 12 cents.

Very truly yours,

1883-08-17

August 17th. 3

Frank S. Harr Esq. Treas.

Edison Electric Illuminating Co.

Sunbury, - Penna.

Dear Sir:-

I am in receipt of your favor of the 15th. inst, covering check for \$2,000. for which accept my best thanks.

I hope you will be able to pay me the balance of my account at an early date.

Very truly yours,

1883-08-17

August 17th. 3

Frank H. McCormick, Esq.

Lock Box 203,

Williamsport, Penna.

Dear Sir:-

Your favor of the 15th. inst. came duly to hand, and I have the pleasure to inform you that I have this day received a check, from Mr. Harr, for \$2,000.

Will you please endeavor to pay us up the balance at the earliest possible moment.

Very truly yours,

1883-08-17

August 17th. 3.

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

When Mr. Sidney Paine was here, I explained to him how the Providences matter stood, and he promised to get me some information with relation thereto. It has not, however, up to this writing, come to hand, and our work on the Providences estimate is at a standstill.

Very truly yours,

1883-08-17

August 17th. 3.

George M. Bliss, Esq. General Supt.

Western Edison Light Co.

Chicago, Ills.

Dear Sir:-

Your favor of the 14th, inst. came duly to hand, and we have made a note of the towns you require canvassed next.

We will push forward the estimates of those we now have in hand.

Very truly yours,

1883-08-17

August 17th. 3

George H. Bliss, Esq., General Supt.

Western Edison Light Co.

Chicago, Ills.

Dear Sir:-

I am in receipt of your favor of the 13th. inst, and in reply beg to inform you that the power is too far away from Iowa City, and my impression is that it could not be operated economically.

Very truly yours,

1883-08-17

August 17th. 3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

I have your letter of the 13th. inst, and in reply beg to state that it is a matter which you can easily calculate as to what the drop is on the mains. If you get the pressure at the terminal of your feeders, the heaviest drop on the mains would of course occur when the whole load is on, namely, 500 lamps, and this drop would be three per cent. What you have to calculate is for a drop of say 120 lamps, which would be the most you could possibly have on with the present number you have connected, and certainly with this the drop could not be more than one per cent.

~~Very truly yours,~~
Yours truly,

1873-08-17

August 17th.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Referring to your letter as to services, if the services are twisted around the mains three or four inches, I think they would answer, but it would certainly be preferable to have them soldered, if this can be arranged.

Yours truly,

1873-08-18

August 18th.

3

William Houghton, Esq.

Room 11, Board of Trade Building,

Providence, R. I.

Dear Sir:-

I am in receipt of your favor of the 17th. inst.

I explained to Mr. Paine that what we wanted to get at was the actual lights burning every half hour in the stores which it is proposed to light up, and I asked him to find out from you whether the list you gave covered all the lights that would be wired for the simple maximum number to be actually used at any one time.

I have asked Major Eaton to supply me with the plan of Love's basement.

Very truly yours,

1883-08-18

August 18th.

3

St. Onceer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I am much obliged for your letter of the 10th. inst., and in reply would state that I shall be glad if you will give the gentlemen, who are going out to China to set up the machinery in Shanghai Cotton Mill, as much information as is possible considering the limited time they have to give to the work.

If I get an order to light up the Mill referred to, I certainly feel inclined to borrow a man, either from your Department or the home office of the Isolated Company, to do the work.

I have the plans of the Mill, and would very much like to get an estimate from your Department as to what the plant would cost put down in say a New England mill. Would you tell me what you would charge for preparing such an estimate, and whether a blue print of the general arrangement of the Mill would be sufficient to enable you to estimate correctly.

Very truly yours,

1883-08-18
erected, does the local company propose to do this and supply the
shafting necessary to supply the power, and will the local company
erect the building or do they expect me to tender for both of those
items? Do they propose to keep the two K dynamos which they have
at present

Aug. 18th /83

George W. Bliss, Esq. General Supt.

Western Edison Light Co.

Chicago, Ills.

Dear Sir:-

Will you please let me have an accurate ground plan of
the plot of ground on which it is proposed to erect the central
station at Appleton, also state if there are any buildings on the
ground, and if so, give dimensions of same. Are the water wheels
in position, if so, I should like to know the size of the shaft,
the length of same, and the position relative to the lot or build-
ing, if there is one on the lot? If the Water wheel has not been
erected, does the local company propose to do this and supply the
shafting necessary to supply the power, and will the local company
erect the building or do they expect me to tender for both of those
items? Do they propose to keep the two K dynamos which they have
at present and operate them as in the present manner, or are they
to be moved and put into the central station to be erected?

Will you please give me the size of the wires connecting
all the places lighted from each dynamo to the house lighted;
also the position of each pole; height and diameter at the top;
position and number of cross arms. In fact I want all possible
information in relation to the plant now at Appleton?

1883-08-18

Very truly yours,

August 18th. 3

The present poles can be located on the blue print, which is sent by the same mail as this under separate cover, and on which you will see marked on red pencil where I will run my pole lines. Will the area indicated by the red lines be sufficient? If not, please mark any additions that may be desirable on the map in dotted lines? Can we run our pole lines along the streets, and in places marked by present red lines on blue print? Can we get permission to set poles in the back of blocks 2, 3, 4, 10, 11, 12, 16, 17?

The white line dots on map represent shade trees, and they prevent us from running where we want to. What can 30, 35 and 40 foot poles be obtained for, from 7 to 8 inches at the top?

Very truly yours,

ed photograph, and I therefore enclose

1883-28-18

August 11th. 3

A. Stuart, Esq. Secty.

Ohio Edison Electric Installation Co.

Room 3, Bradford Block,

N. W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

I enclose you herewith first proof of the photograph of our H machine. This machine is of a type that you will use a great number of in Ohio, and would make a very good cut for your stock certificate. The Isolated Company's catalogue contains a cut of the machine, which gives a much better view than the enclosed photograph, and I therefore enclose it in addition to the photograph. I could get you an electro-type of the Isolated Company's cut, and on a stock certificate it would look very much nicer than it does on the paper it is now printed on, and it also shows every part of the machine, which the photograph does not.

Very truly yours,

1883-08-18

August 18th.

3

W. S. Andrews, Esq.

City Hotel,
Sunbury, Penna.

Dear Sir:-

Your favor of the 16th. came to hand yesterday, and in reply I would beg to state that we have decided to send an entirely new switch to Shanokin, and Bergmann is going to take back the old ones, so kindly ship back to Bergmann the two dynamo changing switches right away.

Very truly yours,

1883-08-21

August 21st.

3

Francis Jehl, Esq.

59 Lowongasse, A. III,

Vienna, Austria.

Dear Sir:-

Referring to your letter of the 18th inst., I think it is much better to let our opponents use the safety catch, as if they had any serious fire, we should be hurt quite as much by it as they would.

Very truly yours,

1893-08-21

August 21st. 3

George A. Shaw, Esq.

"Editor" Evening Telegram,

2 Ann Street, City.

Dear Sir:-

Referring to your favor of the 18th. inst, I shall be
glad to see your naval reporter, any evening after 8 P.M. at the
above address, Wednesday and Saturday excepted.

Very truly yours,

1883-08-21

August 21st. 3

A. Stuart, Esq. Secy.

Ohio Edison Electric Installation Co.

Room 2, Bradford Block,

N. W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

I enclose you herewith three estimates for Middletown, Ohio. The first one amounts to \$18,418.. This estimate includes building and pole lines capable of taking care of 1600 lights, whereas the rest of the plant is for 800 lights, which accounts for the estimate being somewhat heavy.

Estimate 34A, amounting to \$9,152., is to cover the expense of extending the plant to 1600 lights in case you should decide in the first place to put in the 800 light plant, and later on decide to extend it to 1600 lights. The addition simply covers further labor and material in the interior of the station, as the outside wiring will, as I have above stated, in any event take care of 1600 lights.

Estimate 34B, amounting to \$25,184., is for a 1600 light plant put in as a whole, and not created in the manner suggested above.

You will see from this that you can make your investment at Middletown come comparatively low, with all the advantages of

1883-08-21

2

picking out the most profitable lighting, as your pole lines will extend over an area which covers 1600 lights, and to make the addition to the plant and to bring it up to 1600 lights, will only cost you \$24,804. more than if you put the 1600 light plant in in the first place.

I would suggest that you adopt my first estimate, and put in the 800 light plant now.

I also enclose you blue print of Middletown, showing where we would propose running our mains, and a ground plan of the central station, which we would propose building of wood, unless there is any city ordinance preventing us from doing so.

If you require a brick building erected, it will entail an addition of \$1,250. to each of the enclosed estimates.

By pursuing the policy suggested above, namely, of putting an 800 light plant in in preference to a 1600 light plant, you will be enabled to cover a greater number of towns on a given amount of capital, than if you were to make the total investment in the first place. I think this will fully justify any increased cost which will have to be incurred in order to double the capacity of these plants later on. These estimates are based on the assumption that you will obtain the lots which we wrote to you as being best suited for our purpose.

Very truly yours,

1883-08-21

-August 21st. 3

Charles Batchelor, Esq.

Paris, France.

Monsieur Batchelor:-

Your favor of the 8th. was received this morning.

I do not like to do what you suggest, namely, sell 54 shares of the stock of the Isolated Company.

I am going to make another endeavor to borrow the money from someone, and if I should be successful and cable for a Power of Attorney to enable me to sign a call loan memorandum, you will know what it is for.

I do not think that I could get a bid of \$60. for European stock. However, I will do the very best I can and try and arrange the matter for you in a manner that will be the least sacrifice for you, and will report in a day or so exactly what I have done.

Yours very truly,

1893-08-21

August 21st.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

I have your favor of the 18th. inst.

Both Mr. Edison and myself consider the form of lamp record, that you have got up, an extremely good one. I think I will have a book prepared somewhat after the character of your form to be used in all the central stations.

Very truly yours,

1883-08-21
money, I send it to them at the earliest possible moment, and I
hope that the \$150. sent you on Saturday will have put you in a
better fix, as I said in my letter advising you of the sending of
it. Personal. August 21st. 3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Andrews:-

Your favor of the 18th. August was received yesterday.

I am very sorry that I could not send you the money when you wanted it, but I have had considerable trouble to get payment for the Sunbury and Shamokin stations, and it has kind of upset my "apple cart". However, I guess things will run better in the future. I can assure you that when any of our people ask for money, I send it to them at the earliest possible moment, and I hope that the \$150. sent you on Saturday will have put you in a better fix, as I said in my letter advising you of the sending of it, if that is not enough I will send you more.

If you were to go down to Market Street just now, you would think things were kind of changed. Mr. Edison has given the "G.B." to Dean, Recap and all the people under them.

Very truly yours,

1893-08-21

Personal.

August 21st.

3

C. F. Chinnock, Esq.

237 Pearl Street, City.

Friend Chinnock:-

Don't you write memorandums up to Edison suggesting that he should engage men in his clerical department, whom I have told you I object to having. I know the Central Station must be relieved, but for Heaven's sake don't try to relieve, by putting on to me, the men that are objectionable.

Very truly yours,

1883-08-21

switches, is the best way of securing the wires..

August 21st.

3

W. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Your favor of the 17th. inst. came to hand yesterday.

I will have the necessary books for the central station sent as soon as possible. I think it will take about two weeks to have them got up, meantime will you please ask Mr. Harr to have a blotter record of his station kept, so that things can be put in shape when the books arrive.

Very glad to hear what you say about the motor bills.

Mr. Edison says that your circular switch is the best one, but with holes and bolts to make connections, like the feeder switches, is the best way of securing the wires..

If you find three dynamo switches at Shamokin, please send them back.

I will send you a copy of the dynamo questions just as soon as possible. They are very lengthy, and all my people are very busy, but I will try and get them off to-morrow.

Very truly yours,

Very truly yours,

1883-08-21

August 21st.

W. H. Douty, Esq. Pres.

Edison Electric Illuminating Co.

Sharokin, Penna.

Dear Sir:-

Your telegram of the 20th. was received this morning.

It will of course add to the expense of the plant to put another line of poles up as you suggest, and it can be done equally as well later on.

Do not yet think, that under the circumstances, it would therefore be better to leave it, as your Company can hardly be in condition to incur any extra expenses just now.

Very truly yours,

1883-08-21

August 21st.

H. H. Doubleday, Esq.

Edison Exhibit,

Louisville Exposition,

Louisville, Ky.

Dear Sir:-

Referring to your letter of the 14th. inst. I think you will have to stay in Louisville for the present, as Mr. Moore does not seem to have anybody whom he can put at your work.

I enclose you herewith check for \$25., and remain,

Very truly yours,

1883-08-21

August 21st.

3

W. D. Rich, Esq.

C-O John Mullen,

Shamokin, Penna.

Dear Sir:-

Will you please talk to Andrews, the next time you see him, about the stream, where we get our water from, at Sunbury freezing over in the winter.

Very truly yours,

1883-08-21

August 21st.

3

AS Stuart, Esq. Secty.

Ohio Edison Electric Installation Co.

Cincinnati, Ohio.

Dear Sir:-

I expect to get off to you the estimate for Piqua by To-morrow's mail. It will be practically the same as the Mid-dletown estimate, the only uncertain item, so far as I can see, just now, being that of conductors, but I will telegraph you, if possible, before you receive this letter more definite information as to this matter.

Very truly yours,

rolling in wealth

1883-08-21

August 21st, 3

H. P. Moore, Esq.

Edison Exhibit,

Southern Exposition,

Louisville, Ky.

My Dear Moore:-

Your letter of the 17th. August to Edison was received yesterday.

Your method of thanking a man, for sending you his portrait, is certainly a novel one, to excuse him for his endeavor in such a charmingly patronizing manner, pleases me immensely. If you have not got a red cent, to buy even a cigar, you need not think that everybody else is like you. I tell you we are simply rolling in wealth; got too much of it, in fact want to give some of it away. Won't you have it? If there is nobody in Louisville who will trust you for cigars, I have got a fellow here in New York who, although he would not trust you on your own word, would, I think on mine. If I can be of any assistance, in any such little matter as this, don't be bashful about calling upon me.

Your old and intimate friend Charley Dean, and the whole gang at Goerck Street, have had the "grand bounce". Edison went

1883-08-21

2

down Saturday afternoon and cleared them all out. I will give you
the full particulars of it when you get home.

Yours very truly,

1883-0 P-15

August 22nd.

3

P. B. Shaw, Esq.

Williamsport, Penna.

Dear Sir:-

Your telegram of this date just received, with relation to Bellefonte. We are waiting to see whether we can run our Pole line over private property. Our representative, Mr. Campbell, will be there the day after to-morrow, we think, to get these permits, and he will also see Mr. Valentino, after that he will go to Williamsport.

We will send you a map, to enable you to choose the central station lots for Williamsport, to-morrow.

Very truly yours,

1883-08-22

August 23rd. 3

Messrs. Harding & Burnap,

P. O. Box 1169,

New York City.

Dear Sirs:-

Referring to my interview with you ~~at the Edison Works~~ yesterday, I beg to inform you that Mr. Edison would be glad if you would start examining the accounts of the Edison Machine Works, 104 Cooper Street, on Monday morning next, as suggested by yourself.

If you will inform me at what hour you will be at the Works, I will arrange to be there, and put you in possession of such books and data as will enable you to make a thorough examination of the accounts.

Very truly yours,

1883-08-22

August 22nd. 3

C. H. Cooke, Esq.

H. S. Hotel,

Portland, Me.

Dear Sir:-

Your letter of the 21st. came to hand this morning,
together with your telegram.

We have this afternoon telegraphed you to canvass in the
regular manner, then in the day time go into the early closing
stores and get the number of lights usually used and closing time.
This is somewhat bordering on the old style of canvassing, but
you will be able to get out correct data, owing to your experience
with the new style of canvassing.

Very truly yours,

1883-08-22

August 22nd.

3

J. R. Campbell, Esq.

Wotmore House,

Erie, Penna.

Dear Sir:-

Your various letters dated the 15th, 17th, and 20th, have come duly to hand, the last one having just arrived.

We have been in communication with Mr. Clark as to the basis on which we should make the estimate, or would have written to you earlier.

Your last letter seems to be the only requiring answering as time has answered the remainder.

We have arranged with the Light Company, who have arranged with Mr. Clark, that the estimate should be put in in the manner indicated in yours of the 20th. I will wire you to-morrow definite instructions, and also about money, as soon as I can see Mr. Edison, as he is not here this afternoon.

Your reports seem to be very full, and suitable to the business in hand.

What is your opinion of the possibility of your getting the permits we require over private property in the majority of towns you go to?

We shall, in all probability, want you to go Bellefonte

2

and then to Williamsport, but this we will advise you of by telegraph to-morrow.

Very truly yours,

1883-08-22

August 22nd.

3

A. Stuart, Esq. Secty.

Ohio Edison Electric Installation Co.

Room 2, Bradford Block,

N.W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

We sent the Middletown estimate last night, and hope to
get off the Piqua estimate this evening. Will wire you immediately
if we have the total amount of the Piqua estimate.

Very truly yours,

1883-08-23

August 23rd. 3

William A. Anderson, Esq. Chairman,
N. Y. Board of Fire Underwriters,
115 Broadway, City.

Dear Sir:-

I am extremely obliged to you for your favor of August 21st., with relation to the Goerck Street shops.

I am having done what you request, and will call on you in a week or so to have the place inspected.

Concerning Pearl Street, I have referred your letter to Major E. E. Eaton, President of the Edison Electric Illuminating Co.

Again thanking you for your courtesy in notifying me,
I remain,

Yours very truly,

ed. I think I shall do so
on Monday or Tuesday next at the latest.

1883-08-23

Will you please see my letter to Mr. Richards of this date

August 23rd.

3

Joseph J. Ferrell, Esq., General Manager,
Southwark Foundry & Machine Co.
430 Washington Avenue,
Philadelphia, Penna.

My Dear Mr. Ferrell:-

I duly received your favor of the 20th.

Last Saturday Mr. Edison was compelled to make sudden
changes at his Machine Works, which resulted in the old staff
severing their connection with us. I am engaged this week in
finding out exactly how their affairs stand, and immediately I
get through, your claim against them shall be the first one adjusted.
I think I shall be able to write to you definitely about it
on Monday or Tuesday next at the latest.

Will you please see my letter to Mr. Richards of this date

Very truly yours,

1883-08-23

August 23rd.

3

Captain A. W. Johnson,

U. S. Steamer "Powhatan",

Navy Yard, New York.

Dear Sir:-

Referring to your favor of the 20th, I shall be glad to
give the naval cadets you refer to any further facilities to look
into my system of electric lighting as you may desire.

Very truly yours,

August 23rd.

3

E. H. Lord, Esq. Treas.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

Referring to your telegram and letter, Major Eaton is to see Mr. Clarke to-day, and he will, I understand, explain to him fully the cause for delay in doing the work at Lawrence.

Very truly yours,

1883-08-23

August 23rd.

3

William Hodgkinson, Esq.

Edison Co. for Isolated Lighting,

Room 6, Board of Trade Building,

Providence, R.I.

Dear Sir:-

Referring to your favor of the 20th. August, am I right in understanding that we are to drop the work on the small plant referred to in your various reports, and wait until our canvasser has made the regular canvass?

I have referred your postscript to Mr. Hutchinson, of the Isolated Co., and he will no doubt look into the matter of the Peace Dale Manufacturing Co.

Very truly yours,

August 23rd.

3

W. P. Brewster, Esq.

Belafield, Wis.

Dear Sir:-

Your favor of the 17th, Inst. came duly to hand.

Why don't you ask Mayor Eaton to let you go to Indianapolis and start the business there?

Very truly yours,

1883-08-23

August 23rd.

3

Spencer Borden, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of letter from Mr. J. Borden, Jr. and am extremely obliged for the offer contained therein.

I send you by express to-day blue prints of the Shanghai Cotton Mill, and shall be glad if your Department will make an estimate for me, giving full details; the estimate to be based on the assumption that the plant would be installed in Boston.

Very truly yours,

1893-o 8-23

August 23rd. 3

C. B. Richards, Esq. Supt.

Southwark Foundry & Machine Co.

430 Washington Avenue,

Philadelphia, Penna.

Dear Sir:-

Your favor of the 20th. came duly to hand.

It is impossible to send the parts that you refer to back to your works, as the engine (which we proposed putting at your disposal) is erected in our shop and is being used for testing purposes.

Mr. Edison's impression was that the way you would go to work would be to go to our machine works and see the engine run, and deal with it there. Of course we have other engines of the same character standing in the shops, and as the parts must be interchangeable, we could probably arrange to send you the parts you refer to for an engine not set up.

If you will let us know your wishes in the matter, we will do our best to meet you.

Very truly yours,

1883-0523

August 23rd.

3

P. B. Shaw, Esq.

Williamport, Ponna.

Dear Sir:-

I send you herewith a letter which I received from Mr Detwiler; together with map showing the various lots referred to in his letter accurately located thereon.

Lot D, rent \$75. a year, is the most suitable for our purpose. We require space 50 x 100. Would the rental of this be the same as 50 x 50? If it would be double, I should consider the rent very ~~expensive~~ as \$75. seems altogether too much for rent for a lot 50 x 50 anyway.

Very truly yours,

Steam Engines

1893-08-23

August 23rd.

The Babcock & Wilcox Co.

30 Courtlandt Street, City.

Dear Sirs:-

The Edison Electric Illuminating Co. of Lawrence inform me that you have erected for them a 41 horse power boiler, together with a frame for a second boiler of the same size.

I am instructed by them to put in an electric light plant there, of which the second boiler forms a part.

If what they say is so, will you please ship the remaining part of the second boiler to the Edison Electric Illuminating Company, Lawrence, Mass., and I will send you a formal order as soon as I hear from you that my understanding of the matter is correct.

Very truly yours,

1883-08-23

August 23rd.

3

The Babcock & Wilcox Co.,

30 Courtlandt Street, City.

Dear Sirs:-

I shall be very much obliged if, in the future, you will advise me of any applications you may receive as to prices of boilers from any of our companies or gentlemen proposing to form a new company. I desire this information prior to your quoting prices to them, as in most cases I tender to them myself for a plant, in which Babcock & Wilcox boilers are included.

Very truly yours,

1993-08-23

August 23rd.

3

A. Stuart, Esq. Secy.

Ohio Edison Electric Installation Co.

Room 2, Bradford Block,

N.W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

I enclose you herewith estimates No.43, 45,A, and 45,B. I also send you by this mail, under separate cover, blue print of the ground plan of the proposed central station at Piqua, and also blue print of the town, showing where we would propose to run our mains and feeders for the best installation.

Estimate No.45 is for 800 lamps, with the conductors for 1,302 lamps, and amounts to \$22,729.34. Estimate No.45,A allows for the alteration of this to a 1,600 light plant, with the exception that a small amount would have to be invested in addition to the \$9,152., in order to bring the conductors up to the capacity of 1,600 lights, and this would be a comparatively small matter, and to-morrow I can send you the details of what it would cost to make this addition. Estimate No.45,B is for 1,600 lights, with the exception of the conductors which still remain at 1,302 lights.

My remarks as to addition, apply equally to this estimate.

1873-08-23

2

The lot best suited for our business is situated on Spring Street and runs through to the canal. You will see its exact location on the blue print of the town.

I need not go into lengthy explanation as to these estimates, as I think my letter to you of the day before yesterday, with relation to Middletown, will cover all the points you might wish.

Very truly yours,

1883-08-23

Ref:

Middletown

August 23rd. 3

See also
"Electric Light -
General"

A. Stuart, Esq. Socy.

Ohio Edison Electric Installation Co.

Room 2, Bradford Block,

N.W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

I discovered this afternoon that in sending you the estimates for Middletown, owing to the great hurry in which they were dispatched from this office, in order to catch the mail, the wrong estimates, No. 34 and No. 34, B, were sent you, and the copies that should have been sent you remained in this office until today, when the error was discovered. I immediately telegraphed you to hold the Middletown estimates until receipt of a letter from me.

I now enclose you fresh estimates for Middletown. The estimate No. 34, A holds good, and the other estimates, which you originally received, should be destroyed, as in both of them the items for copper mains and feeders had been left out.

I very much regret the error, and the only apology that I can offer is that the estimates were sent from here at a very late hour at night and under great pressure, in order to catch the out-going mail.

1883-08-23

August 23rd.

2

The remarks in my letter of course apply equally to those as to the estimates sent you in error, although the figures are somewhat different, there being a variation of about \$2,000. in the total of the two different sets of estimates.

Very truly yours,

Enclosure.

1873-08-25

August 25th. 3

J. S. Andrews, Esq.

City Hotel,

Sunbury, Penna.

Dear Sir:-

Referring to your favor of the 22nd. inst, Mr Edison says that it is not necessary to have beautiful cream laid paper, in order to furnish us with a working drawing of the switch. Just a rough sketch with pencil, giving us the dimensions by actual figures, will do. There is no necessity for it to be absolutely to scale. Mr Edison says he thinks that you can get this out in half an hour, and that he does not go much on fancy draughtsmen any more.

Very truly yours,

1883-08-25

August

August 25th. 3

Mrs. Mary E. Qdell,

207 Seventh Street,
Detroit, Mich.

Dear Madam:-

Referring to your favor of the 19th., you should let your son go to some superintendent of locomotive power in connection with a large railroad, and have him offer the superintendent half the invention, if he would pay for experimenting and patents. This would give your son the patents and the active co-operation of a man who could doubtless assist him.

Very truly yours,

August 25th.

3

A. Stuart, Esq. Secty.

Ohio Edison Electric Installation Co.

Room 2, Bradford Block,

N.W. corner Sixth & Vine Sts.

Cincinnati, Ohio.

Dear Sir:-

Referring to your favor of the 22nd. inst, there is no objection whatever to Mr. Dyer getting sizes of the lots in the various towns he may go to. I think, however the information could be much better obtained through the real estate agent, but whichever way you think is the best, please communicate your wishes to Mr. Dyer and inform him that it is my desire that he should do you for you anything that will not materially interfere with the progress of his canvass.

Very truly yours,

1883-08-25

August 25th.

3

E. Triango, Esq. C.E.,

304 Spruce Street,

Philadelphia, Penna.

Dear Sir:-

Referring to your favor of the 21st. August with relation to the microphone, I beg to state that the tremendous static charge of a long cable prevents the transmission of rapid electrical waves, and that is one of the reasons of the trouble to use the microphone on sub-marine cables.

Very truly yours,

1883-08-25

August 25th, 1883

George H. Bliss, Esq. General Supt.

Western Edison Light Co.

Chicago, Ills.

Dear Sir:-

I have the pleasure to acknowledge the receipt of your favor of the 22nd. inst, and in reply would state that we are engaged in getting out models of the 30 light machine, and also of the 43 light machine.

We will send you details of the weights and sizes of the 100 and 400 light machines in the course of a day or so.

Very truly yours,

1883-08-25

August 25th.

3

Prof. R. H. Richards,

Massachusetts Institute of Technology,

Boston, Mass.

Dear Sir:-

Referring to your favor of the 24th. inst, I beg to state that we are making a machine with 110 volts and 800 amperes for such purposes as you describe. I imagine, however, that the above referred to machine would be too large for your purpose.

Messrs. Bergmann & Co., 292-296 Avenue B, New York, are better fitted for small work, than any of our Works, and I think if you will apply to them, they may be able to give you what you want.

They have the right to use our machine.

Very truly yours,

1883-08-25

August 25th. 3

M. P. Moore, Esq.

Edison Exhibit,

Southern Exposition,

Louisville, Ky.

Dear Moore:-

Your letter of the 21st. came duly to hand.

We are having a "holl" of a time with the regulation of
the 14 ¹/₂ x 13 engines at the central station. "Armingston & Sims
do not seem to be able to fix the trouble. You had better warn
Sims to give the matter his personal attention, or his engines
will get a bad "black eye". I am wanting to use a great number
of 14 ¹/₂ x 13 engines, but feel rather afraid of them.

Very truly yours,

1883-08-27

August 27th. 3

W. L. Garrison, Esq.

P. O. Box 3027,

Boston, Mass.

Dear Sir:-

Referring to your favor of the 24th. inst., the apparent standstill of matters at Brockton was owing to the delay in getting the tubes there.

I am advised that all of them have now been shipped, and Mr. Jenks telegraphed Mr. Edison on Saturday that the men were there from the Tube Company preparing to start laying. The work will now be pushed forward to a very rapid completion.

We are delayed by Arrington & Sims on account of one engine, but I have no doubt that this matter will be all finished before the laying of the tubes.

Very truly Yours,

1883-08-27

August 27th. 3

Robert W. Gatewood, Esq.

U. S. Steamer "Powhatan"

Navy Yard, New York.

Dear Sir:-

I have your letter of the 24th, and can assure you that it afforded me very great pleasure to put you in the way of getting information with relation to my system of electric lighting.

Very truly yours,

1893-08-27

August 27th.

3

Thomas P. Wilson, Esq.

316 Robert Street,

St. Paul, Minn.

Dear Sir:-

I have your favor of the 22nd. Inst. with enclosures
attached. I will advise you either to-morrow or next day which lots
will be most suitable for central station purposes.

Very truly yours,

1883-08-27

August 27th. 3

E. H. Lord, Esq.

Edison Electric Illuminating Co.

Lawrence, Mass.

Dear Sir:-

Referring to your favor of the 24th. inst., I beg to state that it would be quite impossible for me to have the tubes, which have been made for Brockton, used for Lawrence as the sizes do not agree.

All the material has been ordered forward from here, with the exception of the tubes, which the Electric Tube Company promises to ship so that the laying can commence about to-morrow week.

Mr. Rich will be in Lawrence immediately we report to him that sufficient material is there for him to start his work.

We very much regret the great delay, which has been solely owing to the fact that we have been unable to get the tubes manufactured quick enough. From this same cause we have been put back at ~~Lawrence~~ several weeks.

Very truly yours,

1883-08-27

August 27th.

3

H. M. Doubleday, Esq.

Edison Exhibit,

Southern Exposition,

Louisville, Ky.

Dear Sir:-

I have your favor of the 23rd. August.

I do not think there is much probability of Mr. Edison being at Louisville next month. Just now he is very busy, and business promises to keep him occupied here for some time to come.

Very truly yours,

1883-08-27

August 27th.

3

Sponcer Jordan, Esq.

P. O. Box 3311,

Boston, Mass.

Dear Sir:-

Is it the intention to abandon the idea of a small station for Providence, such as Mr. Hodgkinson's report called for?

Please advise me as to this at your early convenience, as I hardly know what to do in the matter at the present time.

Very truly yours,

1883-08.27

August 27th.

3

C. C. Sims, Esq.

Providence, R. I.

Dear Sir:-

Referring to your favor of the 24th, cannot you tell me positively when the 14 ¹/₂ x 18 engine will be shipped to Brockton, and when one of the same size will go to Lawrence?

Don't you think it is about time you made your cranks in the regular way? I fancy you could do as cheap or cheaper your work is now, when, according to your letter, you are compelled to send back eighteen imperfect cranks with the labor on them.

Very truly yours,

1883-08-28

August 28th.

C. W. Rogers, Esq.

Electric Railway Co. of the U. S.
Hills Building, City.

Dear Sir:-

I have spoken to Mr. Edison with reference to men at Menlo Park.

He says that Swanson is now out of employment, and that you can doubtless get him to run the engine, dynamo and boiler.

Mr. Neil Van Cleve of Menlo Park is the man who drove the locomotive, and Mr. Edison thinks he is capable of putting the locomotive in shape. You can see Mr. Van Cleve at Menlo Park and he can doubtless tell you where to find Swanson. I have written to Mr. Van Cleve stating that if you go to Menlo Park, you are to have all the facilities for doing whatever you wish to do there in connection with running the railroad on Friday.

Very truly yours,

1883-08-28

August 28th.

George Grover, Esq.

Edison Machine Works, (Testing Room)
104 Goerck Street, City.

Dear Sir:-

I send you herewith another sample of cable having two conductors. I wanted it tested immediately in precisely the same manner as the sample previously sent to the Testing Room.

Yours truly,

1883-08-28

August 28th.

3

Edw. Van Cleave, Esq.

Monro Park, N. J.

Dear Sir:-

Mr. C. W. Rogers, the Vice President of the Electric Railway Company, will probably be at Monro Park one day this week.

If Mr. Rogers wants you to do any work for him of course you will look to him for the pay. I think he will want to run the railroad on Thursday or Friday of this week, but he will doubtless communicate with you in relation to the matter.

Very truly yours,

1883-08-29

August 28th,

3

Major E. B. Eaton, President,
Edison Electric Light Company,
65 Fifth Avenue, City.

Dear Sir:-

I return you herewith Mr. Crouse's letter and would be to reply to that part of his letter criticising my estimates as follows:-

The items left out of the second estimate were excluded in order to save money in connection with the first outlay, and not because they are unnecessary for the proper working of the plant. Such items are mainly composed of tubes which can be laid down at any time with comparatively little additional cost beyond what they would be if they were laid in the first instance. I think it is very unfair for Mr. Crouse to pass reflections on the estimate being reduced, inasmuch as it was done solely to suit the convenience of his Company, whose capitalization was insufficient to meet the demands made upon it, if the plant as per the original estimate were installed.

With relation to Mr. Crouse's statement of what he can get the work itemized under "Boilers" done for as compared with my bid, I would state that such a comparison is unfair, unless Mr. Crouse makes such a comparison, item for item, and gets an estimate

for precisely the same work as I proposed putting in, and it would be impossible for him to get such an estimate unless he had full specifications and details of every item. What we propose using is a 200 horse power boiler with four furnaces, and this is almost equivalent to putting in four 73 horse power boilers, whereas I presume Mr. Crouse has only figured on a 200 horse power boiler erected with two furnaces.

Our stack is composed of 14 feet of brick work lined with fire brick and having cross flues and foundations, and on the top of this is an iron cap which carries the iron portion of the stack, which is 48 inches in diameter, and the whole stack has a 60 foot draught. In giving the price of stack, Mr. Crouse should state what weight of iron the stack would be built of; whether the amount (\$300.) includes hoisting and guying, and also the cap on top of the brick work, and also on top of the stack itself; and whether the price includes the painting of the stack. If the price given by Mr. Crouse covers the items above mentioned, all I can say is that it seems an impossible one to me, as the cost of the sheet iron used in such a stack is upwards of 3 cents a lb., and the margin would certainly be insufficient for the labor on the sheet iron, erection of the stack &c.

The price for foundations and cross flues will by no means cover the work which we consider necessary, as it should

1883-08-29

also says he has, and also a copy of the bid of \$100. for the foundation

include 14 feet of brick work, before the iron portion of the stack is reached. As to the guying of the smoke stack, if a contract is signed with me, I should be compelled to put up a stack in accordance with my estimate, and it is hardly reasonable to suppose that I should ~~undertake~~ do without satisfying myself that I can perform the work. Mr. Crouse, in another portion of his letter, states that stack erected is 50 per cent over a sum which responsible people offer to furnish it for. I would again ask if Mr. Crouse means that responsible people are willing to do exactly the work that I am doing for 50 per cent less than my bid? Of course they cannot answer in the affirmative, as they have no statement as to the character of the iron which I propose using in my stack. I should like to have a copy of the bid for \$600, which Mr. Crouse says he has, and also a copy of the bid of \$100. for the foundation and cross flues referred to by Mr. Crouse. Such copies should specify the quality and thickness of the iron, the length of the different sections, whether the estimate includes guying the stack and the providing of guy wires, and also the hoisting of the stack, and whether it includes the painting of the stack and the building of the brick work above referred to, all for the amount of \$600.

Mr. Crouse's estimate for injectors and pumps is considerably more than mine. His allowance for boiler hearth is entirely

1883-1884-85

too low. What we propose to put in is a concrete foundation, 12 inches thick, covered with about 4 inches of asphalt. We proposed using a Perryman Feed Water Heater under our first estimate, and I know for certain that Mr. Crouse cannot buy the heater, specified in our estimate, from the makers for the price mentioned by him (\$300).

Return boilers will not suit for our business, as we require quick steaming boilers, and have to carry a very high pressure, and it is often necessary to increase our steam capacity from 30 or 40 horse power to 200 or 220 horse power inside of 10 or 15 minutes. Mr. Crouse's "good authority" cannot be properly informed of the nature of the work required of our boilers, or else he would not advise the use of Return boilers, as if they are used a large fire would have to be kept under the boiler to guard against any sudden demand for steam power which, from the nature of our business, is liable to be made on us at any moment. Furthermore, the Babcock & Wilcox boiler can be more quickly cleaned than boilers of other types.

With relation to the prices charged by us at Shesokin, which Mr. Crouse draws attention to, I would state that the Shesokin estimate was the first one made by me and the prices mentioned were entirely inadequate to cover my outlay in connection with the work, therefore, they cannot be taken as a criterion of what we

1883-08-29

...satisfied himself that it would enable us to dispense

5

should charge the Utica Company.

Mr. Crouse states that he is informed that 14 ¹ 2 x 18 engines cost us \$1,750. This information is correct as applied to the engines used in connection with the steam dynamo, but the engine as proposed to be used at Utica has considerably more material in it, and costs us considerably more than the price stated by Mr. Crouse. If Mr. Crouse desired to buy these engines himself, they would cost him \$4,250., that being the price quoted him by Arrington & Sims, and which he omitted to state in his letter to you.

With relation to piping for 2 injectors and heater, this should read "Piping for One exhaust injector." The injectors in the second estimate are a combination heater and injector, which was brought to our attention by our superintendent, who saw it working, and satisfied himself that it would enable us to dispense with the heater. We just had time to obtain prices for this injector before sending in the second estimate, but were unable to get at its exact construction until within the last few days when I sent one of my engineers to look into it.

The item "Foundation for Heater" was purposely left in the estimate, although the heater was cut out, as I was not sure whether or not the new form of injector would require a foundation. I learned, however, yesterday from my engineer that such a foundation is unnecessary, but that certain special fixtures are required

1883-08-29

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to hold it in its place. The item "Foundation for Reater" can, however, be struck out of the estimate, and I will take care of whatever fixtures may be required to fix the injector in its place.

As to the freight, thinking that perhaps the Utica Company would probably be able to get better rates than myself, I expressed my willingness to have them meet the charges on this item. The weight of the heavy part of the freight is about 200,000 lbs., but even if it were only 170,000 lbs., I do not think that Mr. Crouse would be able to cover his freight and cartage with any such amount as \$170. I do not think that this amount would cover the handling and of the goods. The actual cost of the freight for Sunbury was \$240, and the weight of the material is but a small fraction of what we will have to send to Utica.

With relation to Mr. Crouse's statement that I informed his company that the weight of the freight would be 170,000 lbs., I feel sure that I could not have made any such statement, as I was aware at the time I was in Utica that the tubes alone included in the first estimate would weigh just about that amount. Of course when I state that the method of transit must be at my option, I make this statement in good faith, and I would not propose to make any arbitrary use of this provision. I would do everything possible to send freight by the cheapest method of transit, but inasmuch as time is the chief element in our work,

1883-08-29

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and delay in receipt of goods might entail upon me very heavy loss, owing to my men remaining idle, I was compelled under the circumstances to make such stipulation.

With relation to the lamps, Mr. Crouse was doubtless informed that the 16 candle lamps would cost 40 cents each. The lamps that we propose using in Utica are the 10 candle lamps, which will be billed to the Utica Company by the lamp company at 60 cents each. The additional $7\frac{1}{2}$ cents, on the lamps included in the estimate, is a portion of the 12 per cent added to the total cost price of the estimate. The reason that the 10 candle lamps cost more than the 16 candle lamps is that the former are a more delicate article of manufacture than the latter, and because we have been making them a comparatively short time as compared with the 16 candle lamps. The advantages to be gained in the way of economy and adaptability for the work proposed &c. is far beyond the extra cost over the 16 candle lamp.

The motors specified in the estimate are what I considered necessary to start the business. As Mr. Crouse states they do not cover the total number of motors that will be required ultimately, but I did not consider it advisable to saddle the Utica company with a large stock of motors, which in all probability it will be unnecessary for them to purchase until at least six months after starting their station. Of course if they

1983-08-29

proffer it, I am willing to supply every meter that is possibly required for the district proposed to be lighted, providing that they are willing to pay for them.

With relation to the prices named at which I am ready to do the work, I must again state that it is absolutely impossible for me to make any reduction. The estimate is the result of considerable work, and the items specified were none of them put in without a great deal of thought on the matter and careful calculation. And all I can say is, that the estimate represents the cost of the plant with 12 per cent ONLY added, notwithstanding the statement of Mr. Crouch that he can make nearly 30 per cent on a portion of it.

The universal custom of contractors is to add considerably more than 12 per cent, to cover their risks, probable errors and profits, and I have not the least doubt but that anyone competent to offer an opinion on the point would state that the amount I have added is very reasonable indeed, considering the nature of the work and the risks I have to take. Under the circumstances, I am therefore compelled to refuse Mr. Crouch's offer of \$57,000. for the work, as at my present prices I hardly expect to make any profit whatever, if indeed it covers the cost of the plant to myself. If necessary I am quite willing to have your Chief Engineer go through the figures with Mr. Insull, and I am confident

1883-08-29

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that he would find them to be strictly in accordance with the statements above made.

As to objections to my proposed contract, as to terms of payment, I would draw your attention to the fact that the number of lights burning at any specified time, after the plant is erected is a matter which the Utica Company will alone control, and which I have nothing whatever to do with beyond providing an expert to teach a local man, acceptable to the Utica Company, how to do inside wiring. Mr. Crouse is quite right in stating, that if only one light was burning on the system, I could demand 50 per cent on my contract, but in order to make such a demand it would be unnecessary that the work specified in the estimate should be done and the articles enumerated therein should be in their place, before such a demand could be made. If the work was all done, it would be possible to test it by putting a lamp across the mains within the district.

If the contract is given me and, when the time comes for me to ask for the second payment, if the Utica Company is dissatisfied with the work, all they would have to do would be to call upon the Engineering Department of your Company to decide the matter, as per the contract proposed to be executed between the Utica Company and myself. Of course if I undertake the work, I shall use every endeavor to get as many lights started as possible.

1883-08-29

10

within the month that it is proposed that I should run the station but still the main efforts in this direction would have to be exercised by the local company.

As to the distribution of the lights, all I have to say is that our canvass is an exact record of the gas lights actually burned within the district, and I do not see that it is possible for any better data than this to be obtained.

In conclusion I may add that I am not at all anxious to have the Utica contract, as the gentlemen forming the company there seem so dissatisfied with my figures, and do not, I imagine, consider that there is any advantage in the work being done under my personal supervision and the station started under my auspices, and according to the experience I have gained in this business.

Very truly yours,

1883-08-29

August 29th. 3

Gardner G. Sims, Esq.

Providence, R. I.

Dear Sir:-

I understand that you informed Major Eaton that you would
would be prepared to build dynamos at a much lower price than that
charged by the Edison Machine Works.

Will you please let me know exactly what you stated on th
this subject, as it is a matter in which I am ^{naturally} ~~very~~ interested?

Very truly yours,

El. Lt.
- Foreign
- France

1883-08-30

August 30th. 3

Francis R. Upton, Esq.

East Newark, N. J.

Dear Sir:-

Will you please let me have in detail your views as to
offering lamps to the French Company at a permanently reduced
price, in order to control the whole of their trade? How would it
be to let them have lamps at the same price that we sell them to
the home company here?

Very truly yours,

1883-08-30

Shamokin

August 30th.

3

W. S. Andrews, Esq.

Weavers National Hotel,
Shamokin, Pa.

Dear Sir:-

I have your favor of the 26th. inst. and asked Mr. Edison to give me some notes for reply, and he wrote the following:

"We are ~~going to~~ ^{going to} ~~send~~ ^{send} feeder resistances up, but will not put them in Shamokin until after the station is turned over, as otherwise we will not get pay for them by the local company.

"We propose using plug switches for feeders hereafter.

If possible, if any one wants to know what price you are going to charge, you had better talk ¹ 2 cents per hour at Shamokin

I will have the speed indicator sent you. Have you any particular choice as to what make you would like?

We propose using plug switches for the feeders as feeder switches, that is the same kind of switch that you were using in the compensating wire at Sunbury. I have sent switches of this character to Shamokin in order to use them on the compensating wires, but for the other two wires we have got to use up the switches made by Bergmann & Co.

Cannot you make the bank of resistance boxes so that they

1883-08-30

A

2

will work all right?

Very truly yours,

1883-08-30

August 30th. 3

W. H. Douty, Esq.

Shamokin, Pa.

Dear Sir:-

Referring to your favor of the 25th. inst, which I have refrained from answering as I hoped to be able to give you some information about newwire we are getting up, I beg to state that I would like to have the matter of house wiring put off until the last moment, as if the wire above referred to is ready in time, I desire the Shamokin Company to have the benefit of the cheaper method in this instance. I shall know however in the course of a day or so.

Very truly yours,

1883-08-30

August 30th.

3

W. S. Andrews, Esq.

Weavers National Hotel,

Shawokin, Pa.

Dear Sir:-

In one of your letters you state that the breakage of
lamps at Sunbury is still very heavy.

I think I remember hearing that some of the customers
were connected to the feeders instead of the mains. Has this
ever been altered? If not, would it not account for the heavy
breakage. It seems so strange that the breakage should be so heavy
at Sunbury, when everywhere else we are hearing the most excellent
accounts of the lamps, which are of precisely the same character
as those being used at Sunbury.

Very truly yours,

1893-08-30

Menlo Park

- Lat

- General

August 30th.

H. P. Dodge, Esq.

Kingston, N. Y.

Dear Sir:-

Referring to your letter of the 27th. inst, I beg to state that Menlo Park is entirely closed up just now, and my laboratory removed to New York. If, when you are in the City, you will call here, my Secretary, Mr. Insull, will be glad to give you any facilities for visiting such of our establishments as will enable you to get at what you want.

If you were to go to Menlo Park all that you would see would be two or three wooden and brick buildings.

I return you herewith another pass for the Machine Works to replace the one sent you in June.

Very truly yours

Enclosure.

1883-08-30

August 30th. 3

Roscoe Conkling, Esq.

2 Wall Street, City.

Dear Sir:-

Your letter of August 25th. came duly to hand, and I am glad that you can act as Counsel for me in the Appeals in the recent decision of the Primary Examiner in Speaking Telephone Interferences.

I have notified J. W. Serroll, 140 Nassau Street, my Attorney, to see you at his early convenience.

Yours very truly,

1883-08-30

August 30th.

3

L. W. Serroll, Esq.

140 Nassau Street, City.

Dear Sir:-

I have arranged with Mr. Roscoe Conkling to argue with you the Appeals from the recent decisions of the Primary Examiner in Speaking Telephone Interferences, and shall be glad if you will see Mr. Conkling and make the necessary arrangements in connection with the matter.

I have written Mr. Conkling stating that I have requested you to confer with him.

Very truly yours,

1883-08-30

August 30th. 1883.

Exhibition

Gustavus Soldan, Esq. Supt.

Edison Machine Works,

104 George Street, City.

Dear Sir:-

Will you please see that the three H machines are shipped to-day to the Foreign Exhibition, Boston. You have an Isolated Company's order for them in the office, but I instructed Ernest not to ship the machines until receiving word from me. We want them to reach Boston not later than Saturday.

Yours truly,

1883-08-30

August 30th. 1883.

Messrs. Nathan & Dreyfuss,

92 Liberty Street, City.

Dear Sirs:-

Referring to your favor of the 27th. inst., addressed to Mr. Edison, I beg to inform you that he has been compelled to make some radical changes in the organization of his works at Goerck Street.

We have just now an expert engaged in overhauling our books to see that everything is in proper shape. Immediately this work is done, we will make arrangements to settle yours and other outstanding claims.

From this date all business in relation to the Machine Works will be conducted from this office, and I trust that in the future you will not have reason to make any such complaint as you have with justice had to in the past.

Yours very truly,

1883-09-30

August 30th. 3

Thomas P. Wilson, Esq.

316 Robert Street,

St. Paul, Minn.

Dear Sir:-

I return you herewith map of St. Paul with the lots which you have had located thereon. I have enlarged the area within which we can take our central station lot, in order to enable you, if possible, to get cheaper property.

It would be preferable to have the lot within the smaller circle drawn, but if you can get cheap lots within this area the larger circle will do.

Will you please see what further lots can be obtained and send me a list of them, returning the map sent herewith at the same time?

Very truly yours,

Enclosure.

1883-08-30

August 30th, 1883.

Gustavo Soldan, Esq. Supt.

Edison Machine Works,

104 Coerck Street, City.

Dear Sir:-

It is very important that we should have two sets of
blue prints, giving details of the "H" and 100 light machines.

When can you possibly supply them?

Yours truly,

1873-09-30

August 30th.

3

P. B. Shaw, Esq.

Williamsport, Penna.

Dear Sir:-

Referring to your letter of the 24th. inst, I beg to state that we should have to alter the whole machine in order to get at the results you desire. We are now engaged on a cheaper method of making the change, but cannot say exactly what the result will be.

I do not understand exactly your question about ten candle lamps and 200 candle lamps. You can run 10 candle, 10 candle or 100 candle lamps on the same circuit. A 100 candle lamp will take the place of ten 10 candle lamps, and a 10 candle lamp takes ~~about 1/10~~ ^{about 1/10} of the power of the 10 candle lamp.

Very truly yours,

1883-08-30

August 30th.

A. A. Cowles, Esq. Secty.

Ansonia Brass & Copper Co.

19 Cliff Street, City.

Dear Sir:-

Will you please let me know by bearer the latest moment that you can take an order for ~~rod~~ or rods to be delivered before you shut down at Ansonia?

I am expecting daily to close two contracts, and if I am delayed in getting the rods, owing to your shutting down, it will put me in a very awkward position.

Very truly yours

1883-68-30

August 30th,

3

A. A. Cowles, Esq. Secty.

Ansonia Brass & Copper Co.

19 Cliff Street, City.

Dear Sir:-

I duly received your letter of the 27th. from Ansonia, and also the sample of compound wire, which is a decided improvement on the first sample sent me.

I am now having a test made and as soon as I get some results will write you further as to the matter.

Yours very truly,

1883-08-30

August 30th. 3

Spencer Gordon, Esq., Manager.

P. O. Box, 3311,

Boston, Mass.

Dear Sir:-

Referring to your letter of August 26th, Major Eaton has instructed me not to make a canvass of Providence until he shall have looked further into the subject.

This matter will therefore have to remain in abeyance until I hear from him.

Very truly yours,

1893-08-30

August 30th.

3

Messrs. Bergmann & Co.,
292 Avenue B, City.

Dear Sirs:-

Mr Edison to-day received the following anonymous
letter from Baltimore:-

"Baltimore, August 27th. 1893.

Mr. Edison,

Dear Sir:-

Be on your guard and collect your little bill
beforehand,

Respectfully,

"One who knows"

I presume this refers to Ford's Theatre, Baltimore.

If you have any bill against them, it will be well to
collect it, I imagine.

Very truly yours,

1883-08-31

August 31st. 3

Henry A. Clark, Esq.

3 Peen Building,

Baltimore, Md.

Dear Sir:-

Major Eaton has referred to me your letter of the 27th.

I have handed to Mr Hutchinson our part of the estimate for Aberton, and you will doubtless receive from him a complete statement of the cost in the course of a mail or so.

Very truly yours,

1993-08-31

August 31st.

3

C. C. T. Hall, Esq.

Anna House,

North Clark Street,

Chicago, Ills.

Dear Sir:-

Referring to your favor of the 16th. inst, I beg to inform you that it is my invariable rule to decline to give an opinion on anything that I have not tried experimentally myself, and my time is so much occupied that it is quite impossible for me to look into the matter referred to in your letters.

The price of insulating compound can be obtained by addressing the Electric Tube Company, 63 Washington Street, New York.

I return you herewith your specifications and drawings and remain,

Very truly yours,

1983-08-31

August 31st. 3

Messrs. Wood & Richmond,
170 Broadway, City.

Dear Sirs:-

Referring to your favor without date, I beg to state
that so far we have not been troubled with graining, but expect to
make several installations where it is highly probable that we
shall be. If such is the case we will give your device a trial.

Very truly yours,

1883-08-31

August 31st.

3

C. W. Wilbur, Esq.

Post Office,

Webster, Mass.

Dear Sir:-

I am in receipt of your favor of the 26th. inst, and beg
to send you herewith some forms of special reports as requested.

I do not know exactly what you are to canvass next to
Southbridge, but will inform you in the course of a day or so.

Very truly yours,

1883-08-31

August 31st.

3

The Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

I have your letter and two telegrams of yesterday's date, and have wired you this morning that it is my impression that the engines for England would have to be of standard type.

If you have not informed me of the exact date of shipment, please, on receipt of this, wire me immediately stating how long it will take to fill an order for six 10 x 10 engines, and how soon you could ship the first one.

From the wording of the cable received from London, I gather that it is important that these engines should be shipped at the earliest possible moment..

Very truly yours,

1883-08-31

August 31st. 3.

Frank S. Harr, Esq. Treas.

Edison Electric Illuminating Co.

Sunbury, Penna.

Dear Sir:-

I telegraphed you this morning asking whether you can dispense with Mr. Hollis services, and if not, when you will be able to do so.

I desire to send him to Shamokin as soon as he gets through at Sunbury. If I can have him right away it will be very convenient, but of course if you still require his services,

I would not wish to take him away from you.

Very truly yours,

1883-08-31

August 31st. 3

W. S. Andrews, Esq.

Weavers National Hotel,
Shamokin, Penna.

Dear Sir:-

Will you please inform me exactly the state of the
work at Shamokin and when it will be finished.

Mr. Edison desires to go to Shamokin about two days
before the station is started.

I am arranging to send a wireman to wire houses under
your charge, but will write you very fully as to this later.

Very truly yours,

1983-08-31

August 31st. 3

Mr Leonard,

Testing Room,

104 George Street, City.

Dear Sir:-

I should like to see you to-day to arrange for you to go to Shamokin, Penna, either to-night or to-morrow to assist in some work there on that central station.

Yours truly,

S. Insull,

per G.

1883-08-31

August 31st.

Jonathan Dean, Jr., Esq.

5 Mason Street,

Boston, Mass.

Dear Sir:-

Mr Greenfield informs me that you will probably be in want of a job within the next few days.

I should like you to come on here as soon as possible to see me with a view to your entering my employ.

Very truly yours,

D-83-016 Edison, T.A. - Outgoing Correspondence

CONTINUED ON NEXT REEL

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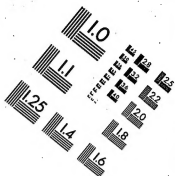
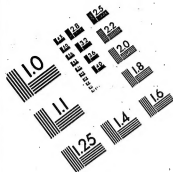
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